



Division of Waste Management and Radiation Control

Solid Waste Management Program

**WASTE MANAGEMENT
& RADIATION CONTROL**

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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

Part I General Information APPLICANT: PLEASE COMPLETE ALL SECTIONS.									
I. Landfill Type	<input type="checkbox"/> Class IVa	<input type="checkbox"/> Class IVb	II. Application Type	<input type="checkbox"/> New Application	<input type="checkbox"/> Facility Expansion				
	<input type="checkbox"/> Class VI			<input type="checkbox"/> Renewal Application	<input type="checkbox"/> Modification				
For Renewal Applications, Facility Expansion Applications and Modifications Enter Current Permit Number _____									
III. Facility Name and Location									
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						
IV. Facility Owner(s) Information									
Name of Facility Owner									
Address (mailing)									
City			State		Zip Code		Telephone		
V. Facility Operator(s) Information									
Name of Facility Operator									
Address (mailing)									
City			State		Zip Code		Telephone		
VI. Property Owner(s) Information									
Name of Property Owner									
Address (mailing)									
City			State		Zip Code		Telephone		
VII. Contact Information									
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

Part I General Information (Continued)				
VIII. Waste Types (check all that apply)		IX. Facility Area		
<input type="checkbox"/> Landfill will accept all wastes allowed in Class IV or VI landfills Or landfill will accept only the following wastes Waste Type Combined Disposal Unit Monofill Unit		Facility Area..... _____ acres Disposal Area..... _____ acres Design Capacity Years..... _____ Cubic Yards..... _____ Tons..... _____		
<input type="checkbox"/> Construction & Demolition <input type="checkbox"/> <input type="checkbox"/> Tires <input type="checkbox"/> <input type="checkbox"/> Yard Waste <input type="checkbox"/> <input type="checkbox"/> Animals <input type="checkbox"/> <input type="checkbox"/> Contaminated Soil <input type="checkbox"/> <input type="checkbox"/> Other _____ <input type="checkbox"/>				
Note: Disposal of dead animals must be approved by the Director				
X. Fee and Application Documents				
Indicate Documents Attached To This Application		<input type="checkbox"/> Application Fee: Amount \$		Class VI Special Requirements
<input type="checkbox"/> Facility Map or Maps	<input type="checkbox"/> Facility Legal Description	<input type="checkbox"/> Plan of Operation	<input type="checkbox"/> Waste Description	<input type="checkbox"/> Documents required by UCA 19-6-108(9) and (10)
<input type="checkbox"/> Ground Water Report	<input type="checkbox"/> Closure Design	<input type="checkbox"/> Cost Estimates	<input type="checkbox"/> 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

I. Facility General Information	
Description of Item	Location In Document
<i>1a.</i> General Information for All Facilities	
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))	
<i>1b.</i> General Information for All New Or Laterally Expanding Facilities	
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

I. Facility General Information	
Description of Item	Location In Document
Name of the local government with jurisdiction over the facility site (R315-310-3(2)(iii))	
<i>Ic.</i> Location Standards for New Or Laterally Expanding Class IVa Landfills (R315-305-4(1)(a))	
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	
Geology	
Geologic maps showing significant geologic features, faults, and unstable areas	
Maps showing site soils	
Surface water	
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	
Wetlands	
Ground water	
<i>Id.</i> Location Standards for New Or Laterally Expanding Class IVb and VI Landfills	
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	
<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)(b)(v))	
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

I. Facility General Information	
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	
If. Plan Of Operations for All Facilities (R315-310-3(1)(e) and R315-302-2(2))	
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))	
Ig. Additional Plan Of Operation Requirements for Class IVa Facilities	
Corrective action programs to be initiated if ground water is contaminated (R315-302-2(2)(e))	
// Facility Technical Information	
//a. Maps for All Facilities	

Utah Class IV and VI Landfill Permit Application Checklist

I. Facility General Information	
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))	
<i>IIb. Geohydrological Assessment for Class IVa Landfills (R315-310-4(2)(b))</i>	
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))	
<i>IIc. Engineering Report, Plans, Specifications, And Calculations for All Facilities</i>	
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

I. Facility General Information	
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))	
<i>II.d. Closure Requirements for All Facilities</i>	
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))	
<i>II.e. Post-Closure Requirements for All Facilities</i>	
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))	
<i>II.f. Financial Assurance for All Facilities (R315-310-3(1)(j))</i>	
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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