Utah Division of Solid and Hazardous Waste
Solid Waste Management Program

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APPLICATION FOR A PERMIT TO OPERATE A CLASS I OR CLASS V LANDFILL

Please read the instructions that are found in the document, INSTRUCTIONS FOR APPLICATION FOR A PERMIT TO OPERATE A CLASS I OR CLASS V LANDFILL. This application form shall be used for all Class I or V 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:

Scott T. Anderson, Director
Division of Solid and Hazardous Waste
Utah Department of Environmental Quality
PO Box 144880
Salt Lake City, Utah 84114-4880

(Note: When the Director has determined that the application is complete, two clean copies of the application as determined complete must be submitted to the Director. One copy is to be available at the Division offices and one copy will be available at a site near the facility for public viewing during the public comment period.)

Utah Class I and V Permit Application Checklist

***Part I* General Information**	APPLICANT: PLEASE COMPLETE ALL SECTIONS.			
***I.* Landfill Type**	☐ Class I ☐ Class V	***II.* Application Type**	☐ New Application ☐ Renewal Application	☐ Facility Expansion ☐ 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 Name		Title	
Address (mailing)			
City	State	Zip Code	Telephone
Email Address		Alternative Telephone (cell or other)	
Operator Contact Name		Title	
Address (mailing)			
City	State	Zip Code	Telephone
Email Address		Alternative Telephone (cell or other)	
Property Owner Contact Name		Title	
Address (mailing)			
City	State	Zip Code	Telephone

Part I General Information (Continued)

VIII. Waste Types (check all that apply)

☐ All non-hazardous solid waste (see R315-315-7(3) for PCB special requirements) **OR** the following specific waste types:

Waste Type	Combined Disposal Unit	Monofill Unit
☐ Municipal Waste	☐	☐
☐ Construction & Demolition	☐	☐
☐ Industrial	☐	☐
☐ Incinerator Ash	☐	☐
☐ Animals	☐	☐
☐ Asbestos	☐	☐
☐ PCB's (R315-315-7(3) only)	☐	☐
☐ Other _____	☐	☐

IX. Facility Area

Facility Area..... _____ acres

Disposal Area..... _____ acres

Design Capacity

Years..... _____

Cubic Yards..... _____

Tons..... _____

X. Fee and Application Documents

Indicate Documents Attached To This Application

☐ Application Fee: Amount $

☐ Facility Map or Maps ☐ Facility Legal Description ☐ Plan of Operation ☐ Waste Description

☐ Ground Water Report ☐ Closure Design ☐ Cost Estimates ☐ Financial Assurance

Class V Special Requirements

☐ Documents required by UCA 19-6-108(9) and (10)

I HEREBY CERTIFY THAT THIS INFORMATION AND ALL ATTACHED PAGES ARE CORRECT AND COMPLETE.

Signature of Authorized Owner Representative	Title	Date
Name typed or printed	Address	
Email Address	Alternative Telephone (cell or other)	

Signature of Authorized Land Owner Representative (if applicable)	Title	Date
Name typed or printed	Address	
Email Address	Alternative Telephone (cell or other)	

Signature of Authorized Operator Representative (if applicable)	Title	Date
Name typed or printed	Address	
Email Address	Alternative Telephone (cell or other)	

Important Note: The following checklist is for the permit application and addresses only the requirements of the Division of Solid and Hazardous Waste. 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 123 (*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 Solid and Hazardous Waste at 801-536-0200. Most of these documents are available on the Division's web page at www.hazardouswaste.utah.gov. Guidance documents can be found at the solid waste section portion of the web page.

When the Director has determined that the application is complete, submit two paper copies of the application as determined complete by the Director, and an electronic copy of the application.

Part II **Application Checklist**

I. **Facility General Information**	
Description of Item	Location In Document
Ia. Information Required for All Class I and V Landfills	
Completed Part I General information Form (See 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))	
Area served by the facility including population (R315-310-3(1)(d))	
If the permit application is for a class I landfill a demonstration that the landfill is not a commercial facility	
Waste type and anticipated daily volume (R315-310-3(1)(d))	
Ib. Information Required for All New Or Laterally Expanding Class I and V Landfills	
Intended schedule of construction (R315-302-2(2)(a))	
Name and address of all property owners within 1000 feet of the facility boundary (R315-310-3(2)(a)(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))	
Name of the local government with jurisdiction over the facility site (R315-310-3(2)(iii))	

I. **Facility General Information**	
Description of Item	Location In Document
Ic. Location Standards for All New Or Laterally Expanding Class I and V Landfills (R315-302-1)	
Documentation that the facility has met the historical survey requirement of R315-302-1(2)(f)	
Land use compatibility (R315-302-1(2)(a))	
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	
List of airports within five miles of facility and distance to each	
Geology (R315-302-1(2)(b))	
Geologic maps showing significant geologic features, faults, and unstable areas	
Maps showing site soils	
Surface water (R315-302-1(2)(c))	
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 (R315-302-1(2)(d))	
Ground water (R315-302-1(2)(e))	
Id. Plan of Operations Requirements for All Class I And V Landfills (R315-310-3(1)(e) and R315-302-2(2))	
Forms and other information as required in R315-302-2(3) including a 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))	
Corrective action programs to be initiated if ground water is contaminated (R315-302-2(2)(e))	
Contingency plans for other releases, e.g. explosive gases or failure of run-off collection system (R315-302-2(2)(f))	
Plan to control fugitive dust generated from roads, construction, general operations, and covering the waste (R315-302-2(2)(g))	

I. **Facility General Information**	
Description of Item	Location In Document
Plan for litter control and collection (R315-302-2(2)(h))	
Description of maintenance of installed equipment (R315-302-2(2)(i))	
Procedures for excluding the receipt of prohibited hazardous or PCB containing wastes (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))	
Closure and post-closure care Plan (R315-302-2(2)(m))	
Procedures for the handling of special wastes (R315-315)	
Plans and operation procedures to minimize liquids (R315-303-3(1))	
Plans and procedures to address the requirements of R315-303-3(7)(c) through (i) and R315-303-4	
Any other site-specific information pertaining to the plan of operation required by the Director (R315-302-2(2)(p))	
Ie. Special Requirements for New Or Laterally Expanding Class V Landfill (R315-310-3(3))	
Submit information required by the *Utah Solid and Hazardous Waste Act* Subsections 19-6-108(9) and 19-6-108(10) (R315-310-3(2)(a))	
Note the following information must be provided following issuance of the permit but prior to Director approval to take waste for a new Class V facility.	
Approval from the local government within which the solid waste facility sits	
Approval from the Legislature and the Governor	

II **Facility Technical Information**	
Description of Item	Location In Document
IIa. Maps for All Class I and V Landfills	
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))	
IIb. Geohydrological Assessment for All Class I and V Landfills (R315-310-4(2)(b))	
Local and regional geology and hydrology including faults, unstable slopes and subsidence areas on site (R315-310-4(2)(b)(i))	

II **Facility Technical Information**	
Description of Item	Location In Document
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))	
Direction and estimated flow rate of ground water (R315-310-4(2)(b)(iv))	
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))	
Background ground water and surface water quality assessment and, for an existing facility, identification of impacts upon the ground water and surface water from leachate discharges (R315-310-4(2)(b)(viii))	
Ground Water Monitoring (R315-303-3(7)(b) and R315-308)	
Statistical method to be used (R315-308-2(8))	
Calculation of site water balance (R315-310-4(2)(b)(ix))	
IIc. Engineering Report - Plans, Specifications, And Calculations for All Class I and V Landfills	
Documentation that the facility will meet all of the performance standards of R315-303-2	
Engineering reports required to meet the location standards of R315-302-1 including documentation of any demonstration or exemption made for any location standard (R315-310-4(2)(c)(i))	
Anticipated facility life and the basis for calculating the facility's life (R315-310-4(2)(c)(ii))	
Cell design to include liner design, cover design, fill methods, elevation of final cover including plans and drawings signed and sealed by a professional engineer registered in the State of Utah (R315-303-3(3), R315-303-3(6) and (7)(a), R315-310-3(1)(b) and R315-310-4(2)(c)(iii))	
Leachate collection system design and calculations showing system meets the requirements of R315-303-3(2)	
Equipment requirements and availability (R315-310-4(2)(c)(iii))	
Identification of borrow sources for daily and final cover and for soil liners (R315-310-4(2)(c)(iv))	
Run-On and run-off diversion designs (R315-303-3(1)(c), (d) and (e))	
Leachate 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))	

***II* Facility Technical Information**	
Description of Item	Location In Document
Ground water monitoring plan that meets the requirements of Rule R315-308 including well locations, design, and construction (R315-310-4(2)(b)(x) and R315-310-4(2)(c)(vi))	
Landfill gas monitoring and control plan that meets the requirements of Subsection R315-303-3(5) (R315-310-4(2)(c)(vii))	
Slope stability analysis for static and under the anticipated seismic event for the facility (R315-310-4(2)(b)(i) and R315-302-1(2)(b)(ii))	
Design and location of run-on and run-off control systems (R315-310-4(2)(c)(viii))	
IId. Closure Plan for All Class I and V Landfills (R315-310-3(1)(h))	
Closure Plan (R315-302-3(2) and (3))	
Closure schedule (R315-310-4(2)(d)(i))	
Design of final cover (R315-303-3(4) and 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))	
IIe. Post-Closure Care Plan for All Class I and V Landfills (R315-310-3(1)(h))	
Post-Closure Plan (R315-302-3(5) and (6))	
Site monitoring of landfill gases, ground water, and surface water, if required (R315-310-4(2)(e)(i))	
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))	
IIf. Financial Assurance for All Class I and V Landfills (R315-310-3(1)(j))	
Identification of closure costs including cost calculations (R315-310-4(2)(d)(iv)) and (R315-302-2(2)(n))	
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))	

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