



DEC 22 2020

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TRANSMITTAL

DSHW-2020-018472

TO: Ty Howard Utah Division of Waste Management and Radiation Control 195 North 1950 West Salt Lake City, Utah 84116	DATE: 12/22/20 IGES JOB #: 03074-002 SENT VIA: Email
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We are sending you the following:

Copies	Date	Description
1	12/22/20	Checklist for the Class I Landfill Permit Application - Park City Soil Management Facility

<input type="checkbox"/>	For approval	<input type="checkbox"/>	Approved as submitted	<input type="checkbox"/>	Resubmit	<input type="checkbox"/>	Copies for approval
<input checked="" type="checkbox"/>	For your use	<input type="checkbox"/>	Approved as noted	<input type="checkbox"/>	Submit	<input type="checkbox"/>	Copies for distribution
<input type="checkbox"/>	As requested	<input type="checkbox"/>	Returned for corrections	<input type="checkbox"/>	Return	<input type="checkbox"/>	Corrected prints
<input type="checkbox"/>	For your review and comment	<input type="checkbox"/>	Other				

Remarks:

Attached is the checklist for the Class I Landfill Permit Application for the Park City Soil Management Facility. As the review progresses, let us know if we can clarify any information or if you or your staff has any questions or need any additional information.

SIGNED: Brett Wickertson

Part II Application Checklist

I. Facility General Information	
Description of Item	Location In Document
1a. Information Required for All Class I and V Landfills	
Completed Part I General information Form	Part I
General description of the facility (R315-310-3(1)(b))	Part II, Section 1
Legal description of property (R315-310-3(1)(c))	Part II, Section 2 Appendix C
Proof of ownership, lease agreement, or other mechanism (R315-310-3(1)(c))	Appendix C
Area served by the facility including population (R315-310-3(1)(d))	Part II, Section 1.3
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))	Part II, Section 1.4 Part III, Section 3.2
1b. Information Required for All New Or Laterally Expanding Class I and V Landfills	
Intended schedule of construction (R315-302-2(2)(a))	Part II, Section 3.1 Part III, Section 3.3
Name and address of all property owners within 1000 feet of the facility boundary (R315-310-3(2)(a)(i))	Attachment F (in Appendix J)
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))	Attachment F (in Appendix J)
Name of the local government with jurisdiction over the facility site (R315-310-3(2)(iii))	Part I, Introduction
1c. 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)	Attachment F (in Appendix J)
Land use compatibility (R315-302-1(2)(a))	Appendix J
Maps showing the existing land use, topography, residences, parks, monuments, recreation areas or wilderness areas within 1000 feet of the site boundary	Appendix B
Certifications that no ecologically or scientifically significant areas or endangered species are present in site area	Attachment F (in Appendix J)
List of airports within five miles of facility and distance to each	Appendix J
Geology (R315-302-1(2)(b))	
Geologic maps showing significant geologic features, faults, and unstable areas	Appendix J Appendix J
Maps showing site soils	Appendix J
Surface water (R315-302-1(2)(c))	Part III, Section 3.5

I. Facility General Information	
Description of Item	Location In Document
Magnitude of 24 hour 25 year and 100 year storm events	Part III, Section 3.5
Average annual rainfall	Appendix K
Maximum elevation of flood waters proximate to the facility	Appendix J
Maximum elevation of flood water from 100 year flood for waters proximate to the facility	Appendix J
Wetlands (R315-302-1(2)(d))	Appendix J
Ground water (R315-302-1(2)(e))	Appendix J
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))	Part II, Section 3 Appendix D
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))	Part II, Section 3.3
Contingency plans in the event of a fire or explosion (R315-302-2(2)(d))	Part II, Section 3.5
Corrective action programs to be initiated if ground water is contaminated (R315-302-2(2)(e))	Part II, Section 3.5.5
Contingency plans for other releases, e.g. explosive gases or failure of run-off collection system (R315-302-2(2)(f))	Part II, Section 3.5
Plan to control fugitive dust generated from roads, construction, general operations, and covering the waste (R315-302-2(2)(g))	Part II, Section 3.8.4
Plan for litter control and collection (R315-302-2(2)(h))	Part II, Section 3.8.5
Description of maintenance of installed equipment (R315-302-2(2)(i))	Part II, Section 3.7
Procedures for excluding the receipt of prohibited hazardous or PCB containing wastes (R315-302-2(2)(j))	Part II, Section 3.3
Procedures for controlling disease vectors (R315-302-2(2)(k))	Part II, Section 3.8
A plan for alternative waste handling (R315-302-2(2)(l))	Part II, Section 3.6
A general training plan for site operations (R315-302-2(2)(o))	Part II, Section 3.10
Any recycling programs planned at the facility (R315-303-4(6))	Part II, Section 3.9
Closure and post-closure care Plan (R315-302-2(2)(m))	Part III, Section 4 Part III, Section 5
Procedures for the handling of special wastes (R315-315)	Part II, Section 3.2.4
Plans and operation procedures to minimize liquids (R315-303-3(1))	Part II, Section 3.2 Part III, Section 3.5
Plans and procedures to address the requirements of R315-303-3(7)(c) through (i) and R315-303-4	Part I Part II, Section 3.5

I. Facility General Information	
Description of Item	Location In Document
Any other site-specific information pertaining to the plan of operation required by the Director (R315-302-2(2)(p))	Part II, Section 3
1e. Special Requirements for New Or Laterally Expanding Class V Landfill (R315-310-3(3))	
Submit information required by the <i>Utah Solid and Hazardous Waste Act</i> Subsections 19-6-108(9) and 19-6-108(10) (R315-310-3(2)(a))	Not Applicable
<i>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.</i>	
Approval from the local government within which the solid waste facility sits	Not Applicable
Approval from the Legislature and the Governor	Not Applicable

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))	Appendix B
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))	Appendix B
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))	Appendix G Appendix J
Evaluation of bedrock and soil types and properties including permeability rates (R315-310-4(2)(b)(ii))	Appendix G Appendix H
Depth to ground water (R315-310-4(2)(b)(iii))	Appendix G
Direction and estimated flow rate of ground water (R315-310-4(2)(b)(iv))	Appendix G
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))	Part III, Section 2.4 Appendix I
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))	Part III, Section 2.4 Appendix I
Identification and description of all surface waters on-site and within one mile of the facility boundary (R315-310-4(2)(b)(vii))	Appendix G Appendix H
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))	Appendix G Appendix H
Ground Water Monitoring (R315-303-3(7)(b) and R315-308)	Part II, Section 3.4.1 Appendix E

// Facility Technical Information	
Description of Item	Location In Document
Statistical method to be used (R315-308-2(8))	Appendix E
Calculation of site water balance (R315-310-4(2)(b)(ix))	Appendix H
//c. 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	Part II, Section 3.4.1 Part II, Section 3.5.2 Part II, Section 3.4.2 Appendix E
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))	Appendix J
Anticipated facility life and the basis for calculating the facility's life (R315-310-4(2)(c)(ii))	Part III, Section 3.2
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))	Part III, Section 3.3
Leachate collection system design and calculations showing system meets the requirements of R315-303-3(2)	Part II, Section 3.4.3 Part III, Section 3.4.3 Appendix K
Equipment requirements and availability (R315-310-4(2)(c)(iii))	Part II, Section 1.5
Identification of borrow sources for daily and final cover and for soil liners (R315-310-4(2)(c)(iv))	Part II, Section 3.1
Run-On and run-off diversion designs (R315-303-3(1)(c), (d) and (e))	Part III, Section 3.5
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))	Not Applicable
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))	Appendix E
Landfill gas monitoring and control plan that meets the requirements of Subsection R315-303-3(5) (R315-310-4(2)(c)(vii))	Part III, Section 3.4.4
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))	Attachment D (in Appendix J)
Design and location of run-on and run-off control systems (R315-310-4(2)(c)(viii))	Part III, Section 3.5 Appendix K
//d. Closure Plan for All Class I and V Landfills (R315-310-3(1)(h))	
Closure Plan (R315-302-3(2) and (3))	Part III, Section 4
Closure schedule (R315-310-4(2)(d)(i))	Part III, Section 4
Design of final cover (R315-303-3(4) and R315-310-4(2)(c)(iii))	Part III, Section 3.3
Capacity of site in volume and tonnage (R315-310-4(2)(d)(ii))	Part I

// Facility Technical Information	
Description of Item	Location In Document
Final inspection by regulatory agencies (R315-310-4(2)(d)(iii))	Part III, Section 4.4.3
//e. 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))	Part III, Section 5
Site monitoring of landfill gases, ground water, and surface water, if required (R315-310-4(2)(e)(i))	Part III, Section 5.2.2
Changes to record of title, land use, and zoning restrictions (R315-310-4(2)(e)(v))	Part III, Section 5.2.1
Maintenance activities to maintain cover and run-on/run-off control systems (R315-310-4(2)(e)(iii))	Part III, Section 5.2.3
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))	Part III, Section 6
//f. 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))	Part III, Section 7 Appendix L
Identification of post-closure care costs including cost calculations (R315-310-4(2)(e)(iv))	Part III, Section 7 Appendix L
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))	Part III, Section 7.3