

**Utah Department of Environmental Quality  
Division of Waste Management and Radiation Control  
Update of the Utah Waste Management Plan**

## 1. Introduction

The State of Utah Department of Environmental Quality, Division of Waste Management and Radiation Control (Division) is seeking to update the Utah Solid Waste Management Plan (SWMP) for publication in 2026. The primary objective is to produce an SWMP that is current with respect to population, waste generation, waste management technologies, and solid waste management rules, while meeting all statutory requirements set forth in the Utah Code, particularly § 19-6-104. The contractor shall use the existing 1994 Utah Solid Waste Management Plan and the 2007 Utah Solid Waste Plan Update as foundational reference documents.

A critical component of this revision is the development of a Sustainable Materials Management (SMM) Strategy, utilizing waste characterization data and business and public opinion data obtained and analyzed in 2025. The targeted project deadline, including final publication-ready files, is July 15, 2026.

## 2. Background and Reference Documents

### Baseline Information

The contractor will use the following resources as primary reference materials.

- **1994 Utah Solid Waste Management Plan:** Provides the original framework and regulatory landscape. It is available here: <https://lf-public.deq.utah.gov/WebLink/ElectronicFile.aspx?docid=418063&eqdocs=DSHW-2019-002197>
- **2007 Utah Solid Waste Plan Update:** Provides updates and specific focus areas relevant to that era. It is available here: <https://lf-public.deq.utah.gov/WebLink/ElectronicFile.aspx?docid=418077&eqdocs=DSHW-2019-002196>
- **Utah Code §§ 19-6-104(3) and (4):** The governing statutory requirements, available here: <https://le.utah.gov/xcode/Title19/Chapter6/19-6-S104.html>
- **Facility Annual Report Data:** Data reported by solid waste facility operators, including tons of waste disposed of at each facility each year, with a limited breakdown of waste type and amount recycled. Data collected between 1991 and 2018 is generally considered to be of low quality, and data collected between 2019 - 2024 is considered to be of moderate to high quality. Data for 2025 will not all be collected yet.
- **2025 Waste Characterization Study with Recycling Analysis:** Detailed findings of materials currently brought to Utah landfills for disposal, including recyclable and reusable materials. Analysis of survey data from Utah businesses and residents, detailing current

recycling opinions and practices. The study was conducted in 2024 and 2025. It includes a final report and analysis of the data and will be made available to the contractor.

**2.1. Statutory Requirement Review and Estimated Effort**

The contractor must ensure the 2026 SWMP fully addresses the criteria in Utah Code Subsections 19-6-104(3)(b), (3)(c), and (4)(a). The following table summarizes the existing plans' coverage and the anticipated level of effort needed for the 2026 revision, considering the age of the previous documents and available Division data.

Statutory Requirement	Summary of 1994 & 2007 Plan Coverage & Division Data	Estimated Contractor Effort
<p><b>§ 19-6-104(3)(b)(i):</b> Incorporate county solid waste management plans.</p>	<p><b>High Coverage:</b> The 1994 plan incorporated county efforts at that time.</p>	<p><b>Low Effort:</b> The contractor will coordinate with the Division to request the latest county plans. Counties will not be requested to produce a new update. The contractor will provide an inventory sheet that documents when each county plan was last updated, and incorporate the plans as attachments to the SWMP.</p>
<p><b>§ 19-6-104(3)(b)(ii):</b> Estimate of solid waste capacity needed for the next 20 years.</p>	<p><b>High Coverage:</b> The Division has good annual historical data on tons of waste received and remaining facility capacities in its Facility Annual Report Data. The previous plans contain methodologies.</p>	<p><b>Moderate Effort:</b> Primarily a data-driven analysis and projection task, requiring the contractor to utilize agency-provided historical Facility Annual Report Data and develop a methodology to calculate the 20-year projection. Projections should be region-specific with approval of region delineations approved by the Division.</p>

<p><b>§ 19-6-104(3)(b)(iii):</b> Assess the state's ability to minimize waste and recycle.</p>	<p><b>Low Coverage:</b> Older plans discussed concepts but goals and strategies do not reflect modern global recycling markets or current technology. This section requires a complete overhaul using the 2025 Waste Characterization Study with Recycling Analysis results to establish a baseline and recommend modern practices.</p>	<p><b>High Effort:</b> Development of the Sustainable Materials Management (SMM) Strategy to translate current opportunities and public opinion into strategic recommendations for sustainable materials management, prioritized according to the greatest potential benefits to community health, the environment, and the economy.</p>
<p><b>§ 19-6-104(3)(b)(iv):</b> Evaluate treatment, disposal, and storage options, needs, and existing capacity.</p>	<p><b>Moderate Coverage:</b> Older plans provide descriptions of existing infrastructure and technologies of the time. The Division has existing standards for many different types of waste facilities. However, modern treatment, disposal, and beneficial use practices could be discussed in greater detail. The Division has good annual historical data on tons of waste received and capacity remaining at existing facilities in its Facility Annual Report Data.</p>	<p><b>Moderate Effort:</b> Requires significant narrative updates on modern treatment and disposal options and their economic and environmental viability. Use historical Facility Annual Report Data to confirm current capacity and project future needs.</p>
<p><b>§ 19-6-104(3)(b)(v):</b> Evaluate facility siting, design, and operation.</p>	<p><b>High Coverage:</b> The Division has well-established, largely unchanged standards in rules and guidance documents for several different facility types.</p>	<p><b>Low Effort:</b> Primarily a review and restatement of current agency rules and guidance. Requires review to ensure verbiage aligns with current rules or guidance (e.g., proper citations and</p>

		terminology). Minimal new technical evaluation needed.
<p><b>§ 19-6-104(3)(b)(vi):</b> Review funding alternatives for solid waste management.</p>	<p><b>Low Coverage:</b> Older funding mechanisms and economic models may be outdated. Need to reflect current local government financial realities. This section should consider new, viable options for local governments.</p>	<p><b>Moderate to High Effort:</b> Requires economic research and analysis of successful, current funding models (e.g., tipping fees, utility fees, pay-as-you-throw programs) implemented by local governments. Funding alternatives that promote waste reduction may be included in the SMM Strategy.</p>
<p><b>§ 19-6-104(3)(b)(vii):</b> Address other solid waste management concerns for public health and the environment.</p>	<p><b>Low Coverage:</b> Older plans focused on flow control and standard environmental risks. This is an open-ended requirement. A few topics of interest are suggested in the cell to the right.</p>	<p><b>Moderate Effort:</b> Requires identifying and addressing contemporary concerns. The Division anticipates topics such as disaster debris management, and management of specific waste streams (e.g., electronic waste, food and other organics, sludge management).</p>
<p><b>§ 19-6-104(3)(c):</b> Consider economic viability and the needs of population centers.</p>	<p><b>Low Coverage:</b> Economic viability will require a comprehensive cost-benefit analysis for any new strategies, especially SMM. Population centers have significantly shifted since 1994.</p>	<p><b>High Effort:</b> Integrate economic analysis into all strategic recommendations. The SWMP must be structured to explicitly address the unique needs and challenges of both major metropolitan areas and its rural communities.</p>
<p><b>§ 19-6-104(4)(a):</b> Determine</p>	<p><b>Moderate Coverage:</b> Data</p>	<p><b>Low Effort:</b> Requires</p>

<p>type of solid waste generated and tonnage disposed.</p>	<p>and projections from older plans is obsolete. However, tonnage disposed is available via Facility Annual Report Data. The "types" of waste are detailed in the 2025 Waste Characterization Study with Recycling Analysis.</p>	<p>incorporating and summarizing the final data from the Division's Facility Annual Report Data and the 2025 Waste Characterization Study with recycling analysis.</p>
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**3. Tasks and Deliverables**

The contractor shall complete the following tasks:

**3.1. Critical Data and Gap Analysis**

- Review all provided references: 1994 Utah Solid Waste Management Plan; 2007 Utah Solid Waste Plan Update; Facility Annual Report Data; and the 2025 Waste Characterization Study with Recycling Analysis.
- Identify and document any critical data and information gaps beyond the resources provided by the Division.

Deliverable: Provide a report to the Division (written summary and oral discussion) of critical gaps in data or information beyond the resources provided by the Division. Propose any necessary additional resources or adjustments to expectations.

**3.2. Solid Waste Plans, Waste Evaluation, Capacity, Options and Needs**

- Determine the current types and tonnage of solid waste generated and disposed of in Utah using Facility Annual Report Data and the 2025 Waste Characterization Study (see Section 2.2 about Utah Code § 19-6-104(4)(a)).
- Create an inventory of county solid waste management plans, including the date of the latest update for each (see Section 2.2 about Utah Code § 19-6-104(3)(b)(i)).
- Estimate the statewide solid waste capacity needed for the next 20 years (see Section 2.2 about Utah Code § 19-6-104(3)(b)(ii)). This must consider current capacity remaining at existing facilities and projected population or economic growth. Projections should provide region-specific information and region delineations should be approved by the Division.
- Evaluate existing solid waste treatment, disposal, and storage options, needs, and capacity (see Section 2.2 about Utah Code § 19-6-104(3)(b)(iv)).

Deliverable: Provide a report to the Division (written summary and oral discussion) on the updates to the SMWP regarding the county solid waste plans, projected 20-year capacity, state needs, and waste treatment, disposal and storage options.

### 3.3. Sustainable Materials Management (SMM) Strategy Development

- Assess Utah's ability to minimize waste and recycle, utilizing the 2025 Waste Characterization Study with Recycling Analysis (see Section 2.2 about Utah Code § 19-6-104(3)(b)(iii)).
- Develop a detailed Sustainable Materials Management Strategy to improve reduction, reuse, and recycling. This strategy must prioritize activities that demonstrate the greatest potential benefit to community health, the environment, and the economy.

Deliverable: Draft the SMM Strategy portion of the SWMP. Provide a copy of the draft chapter to the Division and provide an oral discussion of its details.

### 3.4. Regulatory Standards Review, Funding, Economic Viability, and Contemporary Concerns

- Review and update the discussion on facility siting, design, and operation to align with current agency rules and guidance (see Section 2.2 about Utah Code § 19-6-104(3)(b)(v)).
- Review and propose funding alternatives for local government implementation (see Section 2.2 about Utah Code § 19-6-104(3)(b)(vi)).
- Integrate an assessment of the economic viability for all proposed solid waste management strategies and consider the distinct needs of urban and rural population centers (see Section 2.2 about Utah Code § 19-6-104(3)(c)).
- Identify contemporary solid waste management concerns (e.g., disaster debris management, and management of specific waste streams) and draft updates for incorporation into the SWMP (see Section 2.2 about Utah Code § 19-6-104(3)(b)(vii)).

Deliverable: Provide a report to the Division (written summary and oral discussion) on the updates to the SMWP regarding regulatory standards review, funding, economic viability, and contemporary concerns.

### 3.5. Draft and Final Plan Submission

- Prepare the complete Draft 2026 Utah Solid Waste Management Plan, integrating all previous task deliverables into a cohesive, professionally formatted document that fully addresses all requirements of Utah Code §§ 19-6-104(3) and (4) identified in this Statement of Work, and provides a Sustainable Materials Management Strategy that prioritizes activities with the greatest potential benefit to community health, the environment, and the economy.
- Incorporate agency comments on the Draft SWMP and submit the Final 2026 Utah Solid Waste Management Plan ready for publication.

Deliverables: Draft 2026 Utah Solid Waste Management Plan and Final 2026 Utah Solid Waste Management Plan (PDF and editable digital format). Division branding will be displayed prominently on a cover page and contractor branding will be displayed preceding the table of contents.

## 4. Requirements

The contractor will have demonstrated experience that reflects the necessary skills to prepare a comprehensive Solid Waste Management Plan.

## 5. Compliance

The work will be completed in a manner that is respectful of federal grant and taxpayer funds, demonstrate expertise that is scientifically sound, utilize individual and collective aptitude, and be responsive to the requirements in the scope of work to support a prosperous Utah and inform balanced regulation.

Schedules will be adhered to as closely as possible, with a preference for completing tasks in advance of the dates identified in the timeline. Any alterations in the schedule will be discussed with the Division prior to making changes.

The contractor and the Division will be respectful and provide constructive feedback to each other throughout drafting the Plan.

## 6. Project Timeline

The target dates below should be adhered to as closely as possible as discussed in Section 5 of this Scope of Work. For each milestone and deliverable, the contractor shall meet with the Division to discuss the deliverable. Additional meetings may be requested by either the contractor or the Division.

The contractor is expected to execute the contract by February 27, 2026, and complete the entire project by July 15, 2026, as shown by the target dates below.

<b>Milestone</b>	<b>Deliverable(s)</b>	<b>Target Date</b>
Contract Execution	Signed contract	<b>February 27, 2026</b>
Task 3.1	Critical Data and Gap Analysis Report	<b>March 13, 2026</b>
Task 3.2 & 3.3	Solid Waste Plans, Waste Evaluation, Capacity, Options and Needs; and Draft SMM Chapter	<b>April 17, 2026</b>
Task 3.4	Regulatory Standards Review, Funding, Economic Viability, and Contemporary Concerns Report	<b>May 15, 2026</b>

Task 3.5 (Draft)	<b>Draft 2026 Utah Solid Waste Management Plan</b>	<b>May 29, 2026</b>
Agency Review	Agency Comments on Draft Plan	June 19, 2026
Task 3.5 (Final)	<b>Final 2026 Utah Solid Waste Management Plan</b>	<b>July 15, 2026</b>

**7. Project Budget**

\$150,000

**8. Mandatory Minimums (Pass/Fail)**

**8.1.** Response MUST not exceed 25 page maximum.

**9. Evaluation Criteria**

**9.1 Management and Operation Competency (250 Points):** Please describe expertise relevant to the Scope of Work. Do not include projects completed more than ten years ago. Details may include the number of projects, professional labor hours required, and any specific expertise involved, including:

- a. Creation of waste management plans
- b. Planning and projection of waste stream volumes and management needs, or related infrastructure needs
- c. Funding of waste management projects or similar public services
- d. Sustainable materials management strategy development, including principles related to a circular economy, and urban and rural population centers

**9.2 Past Performance (250 Points):** Please describe past performance with contracts or projects that are currently being performed or that have been completed. Do not include details for projects completed more than ten years ago. Information may include details that demonstrate conforming to contract or project requirements and to standards of good workmanship, forecasting and controlling costs, demonstrating the ability to meet required performance schedules, reasonable and cooperative behavior, commitment to customer satisfaction, and professional concern for the interest of the customer. Respondents may identify significant quality awards and letters of evaluation or recognition for consideration by the Utah Division of Waste Management and Radiation Control (DWMRC).

**9.3 Personnel Experience** (250 Points): Provide resumes of personnel that will be working on this project. What experience have they had related to this project?

**9.4 Firm Experience** (250 Points): Provide evidence that your firm has experience related to this project. Consider providing information about management and operations capabilities of your firm. This may include:

- a. An organizational flow chart identifying the hierarchy and key personnel that will participate in the project including their technical functions and administrative responsibilities.
- b. How the firm's proposed contract program manager would obtain support from corporate elements and subcontractors, and what his or her ability would be to access higher levels of corporate management.
- c. How the firm proposes to remain in close communication with the DWMRC. If this includes the use of a Utah-based office, list the personnel that will be assigned to that office.
- d. Describe the firm's quality assurance/quality control programs to manage deliverables and personnel, including direct employees or subcontractors.
- e. What procedures does the firm follow in selecting and managing subcontractors, if applicable.