



# RECYCLING CERTIFICATION INSTITUTE



Lee's Summit Resource Recovery Park  
Operated by Summit Transfer

## CORR PROTOCOL EVALUATION REPORT



Date Performed: July 28, 2025  
Evaluator: Robert Hosier



## Executive Summary

This comprehensive RCI Evaluation Report corresponds to both the formal evaluation summary and full supporting documentation from the July 2025 updates and prior submissions to the Lee's Summit RCI project.

The Lee's Summit Resource Recovery Park (LSRRP) underwent a full CORR protocol evaluation. The facility met all eligibility requirements, passed the Regulatory Compliance Test, and demonstrated adherence to RCI's quantitative materiality threshold for reported recovery and recycling rates. This document references the detailed narrative, market lists, workflow transcripts, permits, training logs, and other documentation in appended sections.

## Overview of Construction & Demolition Recycling Facility and Operations

Entering the facility, signage was adequate from the entrance and throughout the facility, providing traffic patterns, material separation, and storage areas. The facility operates on 35 acres at the site of the former city landfill (closed 2019). Operations include the mixed C&D recovery building, with HHW collection, yard waste and composting, and concrete recycling also onsite.

Traffic flows in and out via SE Hamblen Road. A single Fairbanks FB7111 scale is used for all inbound/outbound weighing. East of the processing building is a wood chip/composting operation; to the northeast there are yard waste and concrete recycling areas managed by a third party. Some green spaces were observed; otherwise, the entire facility has concrete pavement. The only area outside the processing area that does not have concrete is the processing of yard, waste, and concrete recycling.

### Mixed C&D and Source Separated

**Aggregates (Concrete, bricks, and block)** Source separated aggregates such as concrete, bricks and blocks are directed to the East end of the 35-acre facility where a concrete processor crushes the material into value-added products. Materials being processed through the processing train are hand sorted off a moving conveyor belt and deposited below in a concrete storage bunker as necessary. The materials are then moved to the processing area as mentioned above.

**Cardboard (OCC)** OCC is typically received as part of mixed C&D streams, which enter from near the scale house, where it is dumped on the tipping floor, and routed to the C&D sorting line. The OCC is collected from the conveyor belt and stored in a bunker until there is enough for baling. The bales are stored inside the building.

**Carpet** Is separated at the picking station and bunker system. After processing and screening, it is weighed and shipped off site for further processing.

**Ceiling Tile** Is accepted as part of mixed C&D loads. Ceiling tiles are separated at the picking station and bunker system after shredding and screening. Source-separated ceiling tiles can be offloaded directly into designated areas or placed directly in containers.

**Gypsum Drywall (Sheetrock/Plaster)** Drywall/gypsum is accepted and can come in mixed C&D loads. On the sorting line, gypsum is directed into bunkers for recovery. Gypsum is handled through an innovative partnership and sent to regional outlets.

**Metals (ferrous & non-ferrous)** Within the processing train, magnets are positioned on the material flow suitable for the removal of ferrous metals. A second magnet is positioned over the moving conveyor belt capable of handling 3-inch overs ferrous metals. Both magnets deposit the ferrous metal in separate receptacles. Non-ferrous metals are hand-sorted across a moving conveyor belt and are stored separately from the ferrous metals. The materials are weighed and transported to local metal recyclers.

**Wood** Source-separated wood and yard/tree waste are deposited on the East end of the 35-acre property for processing into wood chips, which are mainly sent to landscaping markets. The wood coming across the 3-inch overs line is hand sorted from a moving conveyor belt and deposited into a concrete bunker and moved to a processing area for marketing as biofuel.

**PVC/Plastics** PVC and Plastics are sorted on the line and stored in the bunker until there is enough to ship. The mixed plastics are shipped to other recyclers.

**Glass** Recovered glass is sorted into a bunker. When the bunker reaches capacity, the material is weighed and transported to other recyclers.

**Dirt and Clean Fill** materials are weighed and used onsite for further expansion of the compost/mulch and concrete pads.

**Tires** are recovered and placed in an isolated area until there is enough for loading and shipping.

**Trash/Residuals** Materials received for processing that have little or no current value for reuse or recycling are deposited at the North door, where they are sorted by an excavator. Nondisclosed items, tires and other unacceptable materials, are pulled out and taken to the appropriate processing area to be dealt with in accordance with the permit. On the sort lines, any materials that cannot be recycled fall off the end of the 2D and 3D conveyors and are loaded into the transfer trailer for disposal at a landfill.

## Development of Evaluation Plan

Lee Summit Resource Recovery Park initiated the Certification process by first Registering its Mixed Construction and Demolition line on RCI's Registration webpage: <https://www.recyclingcertification.org/registration/> and subsequently applied for Certification. The application included monthly and annually detailed and summarized tonnage reports, lists of markets (material recipients and their contact info), and a variety of other background documents. Other information provided through the intake process includes:

- Name of the facility
- Street address of the facility (P.O. Box not acceptable)

- Name of the city/state where the facility is located
- Facility type
- Scale(s) certified (required)
- Permits – state/local Registration Number or state/local permit number
- Hours of facility operation
- Current tons of Inbound and Outbound materials
- Name of company contact person, their position/title, and contact information
- Website address

RCHC conducted an interview with Sara Taylor, Sustainability Coordinator, regarding submittal of documents that would be used in preparation for the Evaluation. Key elements of this information can be found in the CORR Protocols Edition 1.91, Appendices A and B. RCI also provided an overview of the Evaluation process to aid in the streamlining and completion of activities on the day of the site visit. On-site review would include:

- Tour of the facility
- Verify process train of materials as stated in Application for Certification
- Verify proper sorting and storage of the materials
- Verify use and calibration frequency of certified scales
- Observe and verify weighing of materials and electronic storage of information
- Observation and verification of load/material sorting and accuracy
- Observe and verify QC measures are in place to ensure accuracy in recovery and uploading of facility data
- Review of recyclables sales records
- Confirmation of permits
- Interviews with key personnel
- Review of employee training/safety manuals
- Calculation of variance in recovery and recycling rates
- Other materials/documentation that may aid in preparation of a Facility Evaluation Report and Evaluation Opinion.

LSRRP submitted twelve prior months' data for RCI's review to determine accuracy of the mass-balance calculations.

## **SITE VISIT**

On July 28, 2025, at 9:00 AM the site conditions were 75°F, calm winds, sunny skies at 2011 SE Hamblen Road, Lee's Summit MO 64082. The on-site evaluation at LSRRP commenced with introductions and review of agenda items. Supporting documents and records were made available to ensure verification in accordance with RCI standards.

The evaluation confirmed that all required permits were available for review and that the facility was in regulatory compliance. Certified truck scales were documented as operational and properly calibrated to Missouri Department of Agriculture specifications.

Staff training records were presented and verified, demonstrating ongoing compliance with required safety and operational protocols. A desktop evaluation of material balance sheets was conducted to cross-check reported data. Observations confirmed that proper separation, storage, and documentation of materials were in place, ensuring that all RCI eligibility requirements were verifiable and supported with documentation.

The site evaluation verified that permits were in place, scales were properly certified and operational, staff training was documented, and material handling processes were consistent with RCI standards. All eligibility requirements were supported with verifiable documentation, demonstrating conformity with the CORR Protocol.

The evaluation followed RCI's CORR Protocol (Evaluators Manual EM 2.0). Activities included:

- Desktop review of mass-balance data, recalculation of recovery rates, QA/QC review, permits, and training logs.
- Site visit for process train verification, equipment inspection, load inspection observation, staff interviews, scale calibration check, and confirmation of material handling.
- Sampling of scale tickets, sales records, and monthly reports. All information is done electronically and offered on paper at the scalehouse. Tickets can be printed upon request.

RCI provided a draft agenda that streamlined covering all areas of the RCI CORR Protocol.

Findings:

- Eligibility: All criteria met; facility maintains valid Missouri DNR permit #0609505.
- Regulatory Compliance: No material non-compliance events during reporting period.
- Scale Operations: Certified annually by Missouri Department of Agriculture; calibration current.
- Training: Staff receive initial and ongoing safety training every Friday.

Information viewed shows ongoing training and education of company standards and protocols.

- Material Handling: During the desktop evaluation of material balance sheets, LSRRP demonstrated how it reconciles reporting discrepancies and has a process in place to minimize this type of error.

Proper separation, storage, and documentation of recovered materials was observed, and the accuracy of LSRRP's reported tons and recovery/recycling rates to be within  $\pm 5\%$  threshold.

## **Regulatory Compliance Test**

*LSRRP possesses the necessary permits to operate*

RCHC confirmed that all required permits were available for review and that the facility was in regulatory compliance.

- Eligibility: All criteria met; facility maintains valid Missouri DNR permit #0609505.
- Regulatory Compliance: No material non-compliance events during reporting period.

## **Use of Scales**

*RCHC concludes that the LSRRP satisfies the requirements for use of scales*

The facility has one Fairbanks FB7111 truck scale located at the entrance. It is used for all inbound and outbound weighing of loads. This scale is certified annually by the Missouri Department of Agriculture, Weights, Measures, and Consumer Protection. The scale faces an easterly to western direction. Entering the facility, vehicles begin the weighing process, in most cases, with a digital/virtual weigh ticket. Very few occasions arise where a printed ticket is required at the time of the initial weighing process, but printed weigh tickets will be provided upon request. A 4' x 4' stationary platform scale is used to weigh items in the household hazardous waste area for residents. Both scales are certified by the State of Missouri and copies of the certifications were reviewed.

### Materials In

Inbound vehicles entering the facility that are not designated for the residential household hazardous waste area, enter on the scale where the type of material is then entered, including the name of the hauler, the origin of material being brought into the facility, and the gross weight. Materials such as household hazardous waste bypass the scale and go directly to the area Designated Regulated recycling. With materials accepted for recycling, the drivers are given the onsite destination where the load is screened to ensure compliance with the permit and then allowed to continue to the appropriate recycling area. Any material designated for separation, sorting, or processing, is verified at that point of designated separation. Additional load checking occurs upon tipping to confirm that material types match what was revealed at the scale house.

### Materials Out

After materials are processed and separated into the most valuable commodity or determined to no longer have economic value or impose no environmental risk, they proceed to the outbound trucks exit via the truck scale a second time, where they are weighed and their material type and destination are recorded. Outbound materials consist of sorted recyclables, wood, gypsum, metals, carpet pad, OCC, aggregates, residuals as well as secondary processed material sent to end-market facilities. Each outbound transaction includes data entered and printed, ensuring the data recorded for outbound flow is exact.

The facility keeps supporting documentation of contacts, offsite shipments of non-recyclables sales receipts, and off-site market contracts, to verify final disposition of outbound materials.

All Inbound and Outbound data: The facility satisfies the RCI/CORR requirements for use of scales. The scale house is equipped with one truck scale for all inbound and outbound transactions, which are managed by certified weighmasters. The facility also supports a secondary smaller scale used to maintain accurate weight for household hazardous waste transactions. All scales are certified by the State of Missouri, which ensures accurate tracking of all material flow. The scales receive, at a minimum, quarterly checks by a state-licensed scale contractor; and calibration is performed at least annually.

## **Supporting Data for Rate Estimates**

*RCHC concludes LSRRP maintains required supporting data as required by the EM for recycling and recovery rate estimate*

LSRRP uses a software program that was designed specifically to aid in accurately collecting and storing support data to be used for the purpose of supplying RCI direct reporting of incoming/outgoing materials that are shipped off site for additional value-added processing for recycling and/or reuse or disposal. RCHC reviewed the data and conducted sampling of the records for verification.

## **Data Transcription and Management**

*Sufficient QC exists for creation of reuse and recycling rate tables from EMS data*

Ms. Taylor demonstrated the storage, access, and management of LSRRP's data and how LSRRP utilizes that information in uploading their monthly report via RCI's reporting web page. Using their scale software system, that information is readily available and entered into the system for accounting purposes. Having this system allows LSRRP to verify accuracy and/or hand enter any necessary manual adjustments as part of the normal course of business.

RCHC concludes that LSRRP has sufficient QC for data transcription and management, observed competencies, as well as a process in place to provide training to employees, and meets the requirements of the CORR Protocol

## **Individuals Properly Trained for Functions They Perform**

*LSRRP employees receive adequate in-house initial and recurring training, including training from outside sources*

RCHC reviewed employee training documents both in safety and best practices, which were presented in a binder for review. Training files listed employees individually, showing company/facility orientation, as well as ongoing training. Weekly meetings are documented, which were made available for viewing.

## **Performance Standard Test**

*Reported recovery and recycling rates are within 5% allowed threshold*


RCHC reviewed electronic copies of mass balance spreadsheets before, during, and after the site visit. A substantial audit of inbound, outbound of material flow was conducted. The data review and sampling demonstrated that the recovery and recycling rates fell within the 5% tolerance threshold for tons processed by LSRRP.

## Evaluation Statement Overview

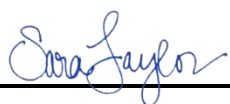
Following a comprehensive review of LSRRP's Mixed Construction & Demolition recycling operation, including evaluation under RCI protocols, an on-site inspection, and interviews with key staff, RCHC concludes that the facility satisfies all certification eligibility requirements. The operation demonstrates full compliance with measurement and record-keeping standards, and no material or significant immaterial non-conformances or inaccuracies were found in the reported data. Therefore, RCHC recommends RCI certify the Reuse and Recycling rates submitted by LSRRP as Real Rates in accordance with the GRP under the RCI CORR protocol.

The undersigned hereby certify that the information provided herein is true, complete, and accurate; they have read and understand the protocols developed by RCI and are familiar with the requirements of RCI. Furthermore, they also certify that any signatories duly elected, qualified, and acting officers of their respective organizations and that their organizations agree to be bound to the protocols of RCI.

For RCHC, LLC:

	Owner
By	Title
Robert C. Hosier	September 29, 2025
Print Name	Date

For Lee's Summit Resource Recovery Park

	Sustainability Coordinator
By	Title
Sara Taylor	October 1, 2025
Print Name	Date