



County of Los Alamos

1000 Central Avenue
Los Alamos, NM 87544

Agenda - Final - Revised Environmental Sustainability Board

Erik Loechell, Chair: Hermann Geppert; Makayla Lui; Amanda MacDonald; and Dina Pesenson, Members

Thursday, September 16, 2021

5:30 PM

1000 Central Avenue, Suite 110

NOTE: This meeting is in person and open to the public. However, for convenience, the following Zoom meeting link and/or telephone call in numbers may be used for public viewing and participation:

Join from a PC, Mac, iPad, iPhone or Android device:

Please click this URL to join. [https://us02web.zoom.us/j/81836612698?](https://us02web.zoom.us/j/81836612698?pwd=SVI0bFpPU3J2cTIMUkVwZTdqL3hnQT09)
[pwd=SVI0bFpPU3J2cTIMUkVwZTdqL3hnQT09](https://us02web.zoom.us/j/81836612698?pwd=SVI0bFpPU3J2cTIMUkVwZTdqL3hnQT09)
Passcode: Recycle

Or iPhone one-tap:

+16699006833,,81836612698#,,,,*8719285# US (San Jose)
+12532158782,,81836612698#,,,,*8719285# US (Tacoma)

Or join by phone:

Dial(for higher quality, dial a number based on your current location):

US: +1 669 900 6833 or +1 253 215 8782 or +1 346 248 7799 or +1 929 205 6099
or +1 301 715 8592 or +1 312 626 6799

Webinar ID: 818 3661 2698

Passcode: 8719285

International numbers available: [https://us02web.zoom.us/j/81836612698?](https://us02web.zoom.us/j/81836612698?pwd=SVI0bFpPU3J2cTIMUkVwZTdqL3hnQT09)

1. CALL TO ORDER - ROLL CALL

2. PUBLIC COMMENT

This section of the agenda is reserved for comments from the public on items that are not otherwise included in this agenda.

3. APPROVAL OF AGENDA

4. APPROVAL OF MINUTES

[14848-21](#)

Approval of the August 19, 2021, Environmental Sustainability Board Minutes

Presenters: Erik Loechell

Attachments: [A - Draft ESB Minutes August 19, 2021](#)

5. BOARD BUSINESS

[14850-21](#) Election of Environmental Sustainability Board Vice-chair

Presenters: Erik Loechell

[14892-21](#) Los Alamos County Landfill Gas Update

Presenters: Erik Loechell

14854-21 Pesticides Presentation and Discussion of Proposed Recommendation

Presenters: Erik Loechell

[14853-21](#) Discuss Public Information and Involvement Plan for Bear Cart and Dumpster Deployment

Presenters: Erik Loechell

Attachments: [C - DRAFT PIIP - Operation Save the Bears](#)

[14893-21](#) Discuss Liaison Assignments

Presenters: Erik Loechell

6. REPORTS

A. Chair's Report - Erik Loechell

B. Board Member Reports

C. Los Alamos Resiliency Energy and Sustainability Task Force - Dina Pesenson

1). Board of Public Utilities - Erik Loechell

2). Planning and Zoning Commission - Vacant

3). Transportation Board - Vacant

4). Parks and Recreation Board - Dina Pesenson

5). Community Development Advisory Board - Vacant

6). County Council Liaison - Sean Williams

D. Team Reports

1). Los Alamos Public Schools Team Subcommittee - Angelica Gurule

2). Zero Waste Los Alamos - Vacant

7. STAFF REPORT

[14849-21](#) August 2021 Residential Sustainability Report

Presenters: Angelica Gurule

Attachments: [B - Residential Sustainability Report - August 2021](#)

8. PREVIEW OF UPCOMING AGENDA ITEMS

9. ADJOURNMENT

If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing or meeting, please contact the County Human Resources Division at 662-8040 at least one week prior to the meeting or as soon as possible. Public documents, including the agenda and minutes can be provided in various accessible formats. Please contact the personnel in the Community Services Administration Office at 662-8163 if a summary or other type of accessible format is needed.



County of Los Alamos

Staff Report

September 16, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14848-21

Title

Approval of the August 19, 2021, Environmental Sustainability Board Minutes

Recommended Action Motion

I move that the Environmental Sustainability Board approve the August 19, 2021, minutes as presented.

Or

I move that the Environmental Sustainability Board approve the August 19, 2021, minutes as amended.

Body

The ESB will review and approve the August 19, 2021, Environmental Sustainability Board Minutes.

Attachments

A - Draft ESB Minutes August 19, 2021



County of Los Alamos

1000 Central Avenue
Los Alamos, NM 87544

Minutes

Environmental Sustainability Board

Erik Loechell, Chair: Hermann Geppert; Makayla Lui; Amanda MacDonald; Brendon Parsons; and Dina Pesenson, Members

Thursday, August 19, 2021

5:30 PM

Council Chambers - 1000 Central
Avenue
ZOOM

This meeting will be held in Council Chambers at 1000 Central Avenue, Los Alamos, NM and via Zoom:

Please click this URL to join. <https://us02web.zoom.us/j/81836612698?pwd=SVI0bFpPU3J2cTIMUkVwZTdqL3hnQT09>

Passcode: Recycle

Or iPhone one-tap:

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International numbers available: <https://us02web.zoom.us/j/81836612698>

1. CALL TO ORDER - ROLL CALL

Chair, Erik Loechell, called the meeting to order at 5:31 pm. The following members were in attendance.

Present: Chair Loechell, Member Geppert, Member Lui, Member MacDonald, Member Parsons.

Absent: Member Pesenson.

2. PUBLIC COMMENT

None

3. APPROVAL OF AGENDA

A motion was made by Member MacDonald, seconded by Member Parsons, that the agenda be approved as presented.

The motion passed unanimously.

4. APPROVAL OF MINUTES

[14761-21](#) Approval of the July 15, 2021, Environmental Sustainability Board Minutes

Presenters: Erik Loechell

Attachments: [A - Drafted ESB Minutes July 15, 2021](#)

A motion was made by Chair Loechell, seconded by Member MacDonald, that the July 15, 2021 minutes be approved as presented.

The motion passed unanimously.

5. BOARD BUSINESS

[14763-21](#) Recycle Coach Update

Presenters: Angelica Gurule

Attachments: [B - Recycle Coach Presentation](#)

The ESB received a presentation from Jeff Galad with Recycle Coach about the app that is currently in use within Los Alamos County. Mr. Galad updated the ESB on how well the App has been received by Los Alamos County Residents since being launched in December 2019. Year over year comparison shows the total users, campaign interactions, and resident interactions. There has been a small decrease in new users, material searches, and content page views which is normal as users start learning and don't have a high need for the tool. Recycle coach has options to help increase these numbers for new users.

[14764-21](#) Discuss Potential Exceptions to Bear Resistant Roll Carts

Presenters: Erik Loechell

The ESB discussed potential exceptions to the bear resistant roll carts for residents. Items discussed included exceptions for medical necessity. The ESB will continue to work through this policy in preparation for the mass roll out.

Dorothy Brown commented that it would be good to have roll carts that were able to use by someone in a wheel chair.

6. REPORTS

A. Chair's Report - Erik Loechell

None

B. Board Member Reports

None

C. Los Alamos Resiliency Energy and Sustainability Task Force - Dina Pesenson

Staff Liaison, Angelica Gurule, reported that the LARES Task Force will be presenting

their interim draft report at the August 24, 2021 County Council meeting.

1). Board of Public Utilities - Erik Loechell

Chair Loechell reported that at the July 21, 2021 BPU meeting the Utah Association of Municipal Power Systems provided a presentation on the NuScale Modular Reactor project. NuScale system has upgraded the power output from 60 mega watts to 77 mega watts and are looking at a full 12 module plant with a total output of 127 mega watts. The project is anticipated to be online in 2029 with a cost per mega watt hour of \$58.00.

2). Planning and Zoning Commission - Vacant

None

3). Transportation Board - Anne Laurent

The Transportation Board did not have a meeting this past month due to technical difficulties.

4). Parks and Recreation Board - Dina Pesenson

None

5). Community Development Advisory Board - Carol Kay Carr

None

6). County Council Liaison - Sean Williams

Councilor Williams reported that during the recent County Council Meetings they proclaimed August Bear Month and voted to continue to stay with the carbon free power project. There was also a discussion on whether to continue using the hybrid format for council meetings. The final decision was to stay with the hybrid format at this time.

D. Team Reports

1). Los Alamos Public Schools Team Subcommittee - Angelica Gurule

Angelica Gurule, Staff Liaison, reported that Environmental Services Staff attended the Staff/Teacher Back to School presentation at Sullivan Field. There is a K-12 recycling webinar coming up soon, LAPS Acting Superintendent, Jennifer Guy, will send information on this webinar to teachers.

2). Zero Waste Los Alamos - Sara Martinez

Angelica Gurule, Staff Liaison, reported that the Zero Waste team did not attend the Farmers market this month due to the increase in COVID-19 cases.

7. STAFF REPORT

[14767-21](#)

Environmental Services Business & Operation Updates

Presenters: Angelica Gurule

Environmental Services operates as an enterprise fund which provides solid waste services to businesses and residents of the community. Environmental Services Manager,

Angelica Gurule, gave an update to the ESB regarding business and operations, as well as ongoing outreach and programs that Environmental Services is working on.

14762-21**July 2021 Residential Sustainability Report**

Presenters: Angelica Gurule

Attachments: [C - Residential Sustainability Report - July 2021](#)

The ESB reviewed and discussed the July 2021 Residential Sustainability Report. The report now includes more data and graphs that will increase overall diversion as a result of the new yard trimming program which began July 9, 2018.

Most recent additions to the report include greenhouse gas emissions reduced by recycling and composting.

8. PREVIEW OF UPCOMING AGENDA ITEMS

1. Salting the roads
2. Pesticide presentation
3. Bee City
4. Exception to Bear Resistant Carts

9. ADJOURNMENT

A motion was made by member MacDonald, seconded by Chair Loechell, that the ESB meeting be adjourned. With no objections the meeting was adjourned at 7:26 pm.

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County of Los Alamos

Staff Report

September 16, 2021

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Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14850-21

Title

Election of Environmental Sustainability Board Vice-chair

..Suggested Motion

I move that [insert name] be appointed Environmental Sustainability Board Vice-Chair, with a partial term date beginning September 2021 and ending December 2021.

Body

The Boards & Commissions Rules indicate that each Board shall annually elect a Chair and Vice-chair from among its members. The Chair and Vice-chair will serve at the pleasure of the Board and will be eligible for election to subsequent terms.

The existing Chair shall call for nominations for Chair, followed by Board comments, and then a vote. The same process applies for the election of a Vice-chair.

Our former Vice-Chair, Alesia Benson moved to another city, therefore, the ESB is required to appoint a vice-chair.

Attachments

N/A



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Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14892-21

Title

Los Alamos County Landfill Gas Update

.Recommended Action

N/A

Body

Ron Wilks Vice President of SCS Engineers, will provide an update on the Los Alamos Closed Landfill Gas Extraction system. SCS Engineers provides monthly operation and maintenance of the landfill gas extraction system. Ron Wilks will provide an overview of the system, how it operates, and will discuss the beneficial use of landfill gas.

Attachments

Attachments may be provided at time of meeting.



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Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14854-21

.Title

Pesticides Presentation and Discussion of Proposed Recommendation

Recommended Action Motion

N/A

Body

ESB will receive a presentation from ESB member Dina Pesenson. The information presented and ESB members will be asked to consider a proposed recommendation regarding pesticide usage at the next ESB meeting on October 21, 2021.

Attachments

Attachments may be provided at the meeting.



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Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14853-21

Title

Discuss Public Information and Involvement Plan for Bear Cart and Dumpster Deployment

.Recommended Action

N/A

Board, Commission or Committee Recommendation

N/A

Body

Los Alamos County Council authorized \$2.4 million in FY22 to purchase bear resistant bear carts and dumpsters to protect wildlife and residents. These will be deployed community-wide, to every business and residence. The ESB will review and discuss the Public Information and Involvement Plan for the bear resistant cart and dumpster deployment. The ESB may choose to further refine the PIIP.

Attachments

C - PIIP Operation Save the Bears



**Incorporated County of Los Alamos
Public Works Department
Environmental Services Division**

**Public Information and Involvement Plan
(PIIP)**

Bear Tough Roll Carts and Dumpsters

Date: August 30, 2021

PIIP Revision #: 1 - One

Project Manager: Angelica Gurule, Environmental Services Manager

County Engineer: N/A

Department Director: Anne W. Laurent, Public Works Director

PIO Assigned: Louise Romero

PIIP Phase: ☒ Conceptual ☐ Design ☐ Construction

- 1. Project Purpose and Scope:** Replace all residential trash roll carts with fully automated bear resistant roll carts. Replace all commercial trash dumpsters with bear resistant dumpsters. The purpose of this project is to protect our residents and the wildlife, particularly bears that live within the community.
- 2. Does this project support any of the Council's Strategic Goals? If so, which goal(s) apply?** A) Investing in Infrastructure. Appropriately balancing maintenance of existing infrastructure with new investments in county utilities, roads, trails, expanded transit options, facilities and amenities, which will help improve environmental stewardship, sustainability, and quality of life, while allowing for sustainable growth. B) Protecting, maintaining and improving our open spaces, recreational and cultural amenities.
- 3. Is this an approved CIP?** During the FY22 budget cycle, County Council approved \$2.4 million for the procurement of 7,000 automated unlocking bear resistant roll carts and 260 bear resistant dumpsters @\$2,500 for \$650,000.

4. **What is the project location? Describe or supply map.** This project will encompass all 7,000 households and 260 dumpsters in both White Rock and Los Alamos.
5. **Who is your audience – who are you talking to?** Los Alamos County residents and business owners.
6. **Explain the steps for accomplishing the project and provide estimated timeframes for each step.**
 - a. September – December 2021. The County will start the procurement process to obtain the bear resistant carts and dumpsters. The County will issue an Invitation for Bid for the bear resistant dumpsters and possibly for the bear resistant roll carts. The carts may be purchased off of a cooperative price agreement. Once the vendor is selected, an agreement will be drafted and then will be taken before County Council for approval.
 - b. January 2022. The County will then purchase bear resistant carts and dumpsters from the selected vendors. The dumpsters and carts may take several months to manufacture.
 - c. July 2022 – September 2022. Estimated cart and dumpster delivery date of carts and dumpsters.
 - d. July 2022 – July 2023. The County will replace every trash roll cart with a bear resistant cart and every trash dumpster will be replaced with a bear resistant dumpster. Deployment plan: the carts will be delivered on the current date of trash service. For example, if your trash day is Monday, the County will empty your trash and replace the cart with a bear resistant roll cart. A priority will be made for areas with high bear traffic. Alternatively, the County will allow residents to bring their cart to the Eco Station and swap it for a bear resistant cart. Environmental Services may offer special “Bear Cart Swap” dates where staff will stage carts in convenient locations and will invite residents to bring their carts and swap them.
7. **Does this project relate to projects in progress or in the future?** Unknown.
8. **Project start and completion dates:** July 1, 2021 to July 2023
9. **Project cost and funding source:** \$2.4 Million
10. **Is the intent to inform ☒, educate ☐, and/or involve ☐**

- 11. Describe the issues the public may have regarding the project:** a) Some community members may not want the bear resistant cart or dumpster, exceptions will be identified by Environmental Sustainability Board. b) Trash pick-up will not be delayed due to the project and swapping out of carts. c) If a resident feels they need a bear cart right away, even if they are not identified in high bear traffic area, the Environmental Services will take their request into consideration and will try to fulfill this request. The resident also has the choice to visit the Eco Station to pick up their bear cart. This will help expedite the process. d) If someone has more than one trash roll cart, the County will replace additional bear roll carts after all residents have received one roll cart. Residents will be encouraged to utilize the first roll cart as a primary to discard bear attractants such as food, dog food, used diapers. e) There may be minimal disruption to the flow of traffic in areas where carts are being swapped as staff are required to unload the bear cart and load the old trash cart. In addition there may be some additional noise as the carts are loaded and unloaded; however, staff will start the swapping process no earlier than 8:00am.
- 12. Location of staging area** – Los Alamos County, Closed Landfill, 3701 E. Jemez Road, Los Alamos, NM 87545. Staging will not impact traffic flow or the public.
- 13. Describe constraints on the project (regarding public information), such as critical timeframes, other.** There is time constraint for this project and the goal is to reduce the risk for both residents and bears, and eliminate bears from rummaging through trash and putting their lives at risk. The County aims to distribute bear resistant carts and dumpsters as quickly as possible.
- 14. Will you be holding a public meeting/open house to solicit input or inform the public of a project?** The County will discuss and review this Public Information Plan at the September 2021 Environmental Sustainability Board Meeting.
- 15. Is public comment limited to this meeting? Will you allow the public to provide written comments for a period after the meeting? What will you do with the comments?** The Environmental Sustainability Board plans to conduct a community Open Forum Survey for the community to provide public comments regarding the deployment of the bear resistant dumpsters and carts and the public information plan. The open forum results will be shared at the Environmental Sustainability Board meeting and may be used to further refine the deployment plan.
- 16. Estimated PIIP Budget?** \$3,000 budget for advertisement and education.
- 17. What is the detailed plan for the PIIP?** [Click here to enter text.](#)
- ☒ Door hangers will be distributed with information regarding how to use the bear cart or dumpster will be distributed with the delivery of each cart/dumpster.

- ☒ A press release will be submitted to the media regarding public meeting(s) and start of bear resistant cart/dumpster deployment.
 - ☒ An ad announcing the start of deployment will be placed with the LA Daily Post, Facebook, and Recycle Coach notification.
 - ☒ The Environmental Services website will be updated as needed to keep citizens informed of progress and to share future project milestones.
-

Please sign below and date:

Submitted by Project Manager: _____ Date _____
Angelica Gurule

Approved by Department Director: _____ Date _____
Anne W. Laurent

Assigned Public Works PIO: _____ Date _____
Louise Romero

*Approved by County PIO: _____ Date _____
Leslie Bucklin

***If the PIO does not approve the PIIP, the PIO must provide justification for the disapproval below. The Department Director can override this decision but must also provide justification below or via an attached memo.**



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Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14893-21

Title

Discuss Liaison Assignments

.Recommended Action

N/A

Body

ESB members have the opportunity to volunteer to serve as a liaison to other County appointed boards, subcommittee, and task forces. At this time the ESB will review and select the boards for which to provide liaisons and appoint members to current vacant liaison assignments.

At this time, Cory Styron, Community Services Director is seeking one ESB member to serve on the ad-hoc group for the Integrated Master Plan. The commitment will be 5-6 meetings over 10 months of the project. It will begin September 2021.

Attachments

N/A



County of Los Alamos

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September 16, 2021

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Agenda No.:

Index (Council Goals):

Presenters: Angelica Gurule

Legislative File: 14849-21

Title

August 2021 Residential Sustainability Report

Recommended Action Motion

N/A

Body

The ESB will review and discuss the August 2021 Residential Sustainability Report. The data now includes more data and graphs that will demonstrate overall diversion as a result of the new yard trimming program which began July 9, 2018.

Most recent additions to the report include greenhouse gas emissions reduced by recycling and composting.

Attachments

B - Residential Sustainability Report - August 2021



Residential Sustainability Report

Service Period: August 2021

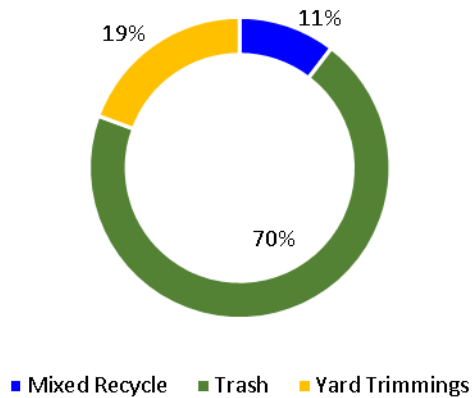


LOS ALAMOS

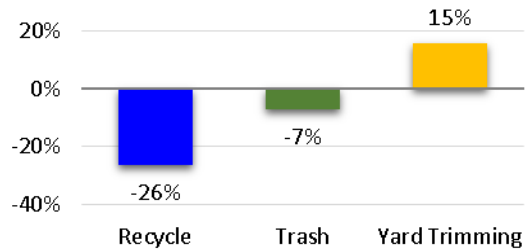
August Diversion Rate: **30%**

The *diversion rate* is the percent of recyclable and compostable material diverted from the landfill.

Monthly Collection Report

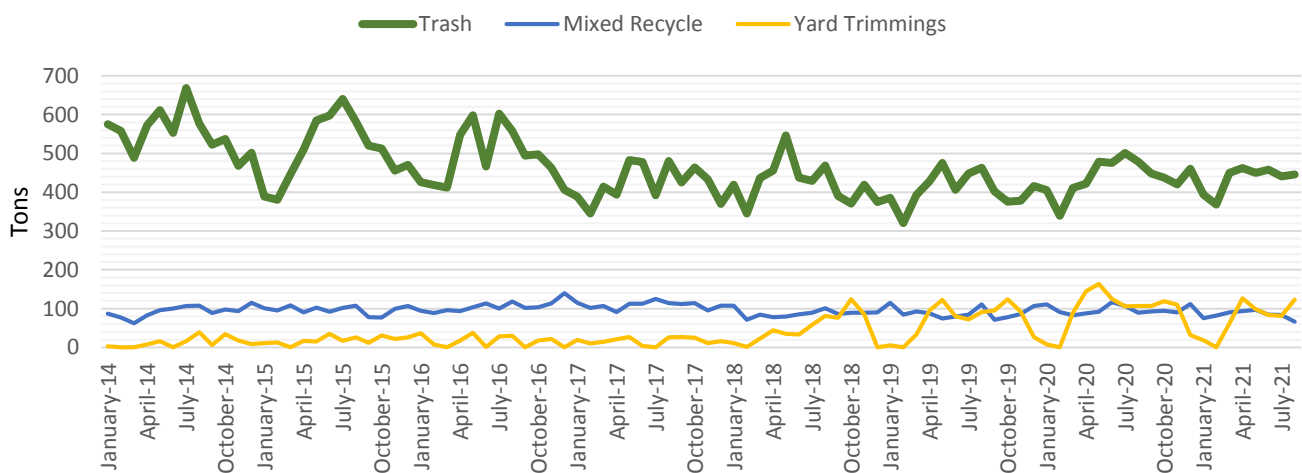


% Change Previous Year

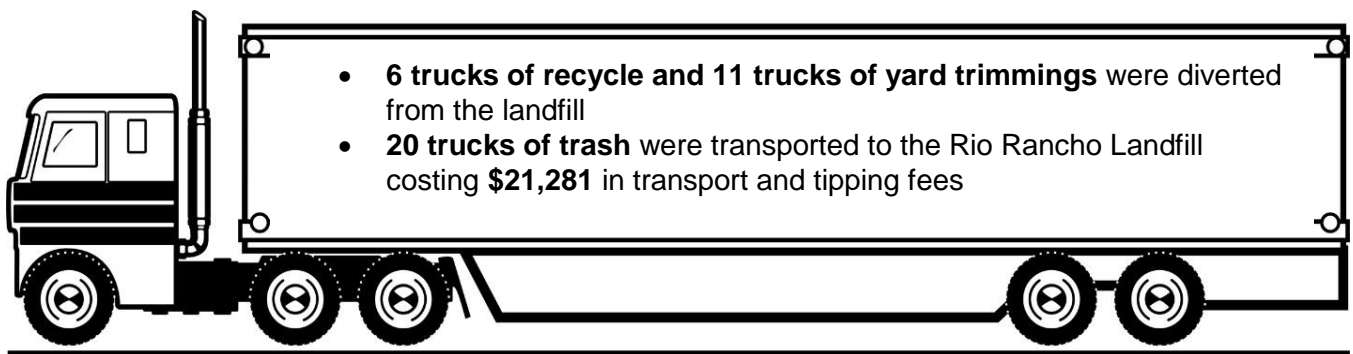


	Aug-20	Aug-21
Yard Trimming	106.43	122.92
Recycle	89.47	66.02
Trash	478.61	445.24

In August by recycling and composting Los Alamos County reduced GHG emissions by ~467 tons



In 2021 by recycling and composting Los Alamos County reduced GHG emissions by ~3,466 tons



For more information contact Environmental Services Division at 505.662.8163 or email solidwaste@lacnm.us