



County of Los Alamos

1000 Central Avenue
Los Alamos, NM 87544

Agenda - Final Environmental Sustainability Board

Erik Loechell, Chair; Alesia Benson, Vice-Chair; Amanda MacDonald; Brendon Parsons; Dina Pesenson; Heidi Rogers; and Heather Ward Members

Thursday, May 20, 2021

5:30 PM

Zoom

Due to COVID-19 concerns, the meeting will be conducted remotely:

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

Or iPhone one-tap:

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+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
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Webinar ID: 818 3661 2698

Passcode: 8719285

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

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

[14289-21](#)

Approval of the April 15, 2021, Environmental Sustainability Board Minutes

Presenters: Erik Loechell

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

5. BOARD BUSINESS

[14292-21](#) Herbicides Use by Los Alamos County

Presenters: Dianne Marquez, Cory Styron and Juan Rael

Attachments: [B - 2021 Herbicides Used by the Los Alamos County CSD - PROS Division Parks](#)

[14297-21](#) Review and Approve the FY22 ESB Work Plan

Presenters: Erik Loechell

Attachments: [C - DRAFT FY22 ESB Workplan](#)

[14290-21](#) Discuss the 2021 Zero Waste Champion of the Year Award

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/Heidi Rogers

1). Board of Public Utilities - Erik Loechell

2). Planning and Zoning Commission - Brendon Parsons

3). Transportation Board - Heather Ward

4). Parks and Recreation Board - Dina Pesenson

5). Community Development Advisory Board - Carol Kay Carr

6). County Council Liaison - Sean Williams

D. Team Reports

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

2). Zero Waste Los Alamos - Sara Martinez/Alesia Benson

7. STAFF REPORT

[14300-21](#) Environmental Services Business & Operation Updates

Presenters: Angelica Gurule

[14298-21](#) April 2021 Residential Sustainability Report

Presenters: Angelica Gurule

Attachments: [D - Residential Sustainability Report - April 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

May 20, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14289-21

Title

Approval of the April 15, 2021, Environmental Sustainability Board Minutes

Recommended Action Motion

I move that the Environmental Sustainability Board approve the April 15, 2021 minutes as presented.

Or

I move that the Environmental Sustainability Board approve the April 15, 2021, minutes as amended.

Body

The ESB will review and approve the April 15, 2021 Environmental Sustainability Board Minutes.

Attachments

A - Draft ESB Minutes April 15, 2021



County of Los Alamos

1000 Central Avenue
Los Alamos, NM 87544

Minutes

Environmental Sustainability Board

*Erik Loechell, Chair; Alesia Benson, Vice-Chair; Amanda MacDonald; Brendon Parsons;
Dina Pesenson; Heidi Rogers; and Heather Ward Members*

Thursday, April 15, 2021

5:30 PM

Via Zoom Webinar

Members of the Public can, also, join the is meeting session to make public comment via Zoom by pasting into their browser the following:

Join Zoom Webinar

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1. CALL TO ORDER - ROLL CALL

Chair, Erik Loechell, called the meeting to order at 5:32 pm. The following members were in attendance:

Present: Chair Loechell, Vice-Chair Benson, Member Rogers, Member Ward, Member Parson, and Member Pesenson.

Absent: Member MacDonald

2. PUBLIC COMMENT

None

3. APPROVAL OF AGENDA

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

The motion passed unanimously.

4. APPROVAL OF MINUTES

A motion was made by Vice-Chair Benson, seconded by Member Pesenson that the March 18, 2021 minutes be approved as presented.

The motion passed unanimously.

Approval of the March 18, 2021, Environmental Sustainability Board Minutes

Presenters: Angelica Gurule

Attachments: [A - Drafted ESB Minutes March 18, 2021](#)

5. BOARD BUSINESS

Review and Revise the FY22 ESB Work Plan

Presenters: Angelica Gurule

Attachments: [A - DRAFT FY22 ESB Workplan](#)

The Environmental Sustainability Board reviewed and revised the FY22 Workplan. The workplan will be finalized at the May 20, 2021 ESB meeting.

Discuss and Revise the 2021 Zero Waste Champion of the Year Award Criteria

Presenters: Angelica Gurule

Attachments: [Zero Waste Champion of the Year Nomination Questions](#)
[Zero Waste Champion of the Year Nomination Followup Questions](#)

The ESB discussed the 2021 Zero Waste Champion of the Year Award. The five categories under consideration this year are School, Non-Profit, Small Business, Business, and Restaurant.

The following is the schedule for the Zero Waste Champion of the Year Award:

April 19 - Open solicitation period for nominations
May 10 - Close solicitation period for nominations
May 20 - ESB to review nominations
May 24 - June 1 - Public Voting Period for Zero Waste Champion of the Year
June 4 - Notify winners
June 8 - Announce Winners via local Media and via Facebook Live
TBD - Proclamation at future County Council Meeting

6. REPORTS

A. Chair's Report - Erik Loechell

Chair Loechell had a meeting with Parks and Recreation Chair Pereyra to discuss the pesticide and herbicides used in the county. They discussed creating a map of Los Alamos County to see where specifically pesticides are being used.

B. Board Member Reports

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

Member Rogers reported that the Los Alamos Resiliency, Energy, and Sustainability Task Force has broken up in 5 subcommittees and have sent out application for people to join the subcommittees. At their April 16, 2021 meeting they reviewed the applications that came in and will be assigning the new members to the various subcommittees. Member Rogers proposed being put on a future agenda to review a proposed plan in collaborations with content experts.

1). Board of Public Utilities - Erik Loechell

None

2). Planning and Zoning Commission - Brendon Parsons

Member Parson reported that the Planning and Zoning Commission discussed properties being rezoned such as the plots of Trinity and 35th. One plot of land will be moved from a public land to mixed use and the other will be moved from residential to mixed use.

3). Transportation Board - Heather Ward

Member Ward reported that the Transportation Board received a presentation on the work that is going to be done in White Rock. This project will be replacing the asphalt and concrete sidewalks, curbs, gutters, and bringing everything up to ADA compliance. They are sending out proposals soon and hope to start in the middle of July. Construction has begun on the Canyon Rim Trail Underpass. The lighting near the new roundabout has been dimmed in response to customer complaints.

4). Parks and Recreation Board - Dina Pesenson

Member Pesenson reported that the Parks and Recreation board discussed the applications to subcommittees and approved them. They spent the rest of the meeting working on their FY22 Workplan.

5). Community Development Advisory Board - Carol Kay Carr

None

6). County Council Liaison - Sean Williams

Councilor Williams reported that the Food Composting Feasibility Study agreement was awarded at the April 6th County Council meeting. The contract explicitly states that the contractor needs to have meetings with the ESB to get feedback and to provide four progress presentations as well as two final presentations to the ESB and County Council. Second, the renewal of PEEC's contract with the county was approved. Finally, he discussed the upcoming budget meetings that council will have. One item in particular was the budget for giving each Los Alamos County resident a bear proof roll cart as well as provide bear proof dumpsters to businesses.

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

Staff Liaison, Angelica Gurule reported that Environmental Service distributed the 1,900 sets of utensils to Los Alamos Public Schools. The ability to purchase these utensils was due to County Council for providing the funds. She also reported that some schools have requested the backyard composting kits for their schools. As well, Los Alamos Middle School was able to have mulch delivered to their school because of the County Council funding. They will be using mulch to teach students to compost and divert food waste from the landfill.

2). Zero Waste Los Alamos - Sara Martinez

Office Specialist, Sara Martinez reported that the Zero Waste Team did not have a meeting in April and instead had the group meet up on April 20th to clean up litter along the walking trail and arroyo behind Chamisa Elementary School and to help PEEC and Environmental Services distribute the backyard composting kits.

7. STAFF REPORT**Environmental Services Business & Operation Updates**

Presenters: Angelica Gurule

Staff Liaison, Angelica Gurule gave an update on Environmental Services business and operations as well as future outreach opportunities to the ESB.

March 2021 Residential Sustainability Report

Presenters: Angelica Gurule

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

The ESB reviewed and discussed the March 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 to reduced by recycling and composting.

8. PREVIEW OF UPCOMING AGENDA ITEMS

Member Rogers to present a proposed plan for her subcommittee Kitchen Sink on the Los Alamos Resiliency, Energy and Sustainability Task Force

9. ADJOURNMENT

With no objections, the ESB meeting was adjourned at 7:47 pm.

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County of Los Alamos

Staff Report

May 20, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters: Dianne Marquez, Cory Styron and Juan Rael

Legislative File: 14292-21

Title

Herbicides Use by Los Alamos County

Recommended Action Motion

N/A

Body

ESB will receive a presentation from Dianne Marquez of Community Services Department about herbicide usage within Los Alamos County Community Services Department. Juan Rael of Public Works Department noted that herbicide usage within Public Works is significantly down this past year, with usage primarily occurring at the airport. Herbicides and pesticide usage can vary depending on the weather and amount of precipitation received. The County is willing to try alternative integrated pest management solutions. This information was provided to ESB in the past, but unfortunately it was not recorded due to technical difficulties.

Attachments

B - 2021 Herbicides Used by the Los Alamos County CSD- PROS Division Parks

Herbicides Use by the Los Alamos County CSD - PROS Division

Based upon the Integrated Pest Management Philosophy

Los Alamos County Parks & Golf Course

Responsible Herbicide Program

► Responsible Herbicide Program

Los Alamos County Parks, Recreation and Open Space (PROS) cares for more than 201 acres of “Standard developed” parkland, 588 acres of undeveloped or nonstandard parkland (much of this is natural area within developed parks) and 205 acres of golf course. Over the last several years, we have steadily reduced herbicide use. In the early 2017, PROS adopted the Integrated Pest Management (IPM) philosophy.

► What is a Responsible Herbicide Park? A Responsible Herbicide use park is one that is maintained with limited use of registered herbicides by trained and licensed pesticide applicators. If it becomes necessary to apply herbicides at a park, the site will be clearly posted before, during and after the application to notify users.

► What makes a successful Responsible Herbicide Park?

The most successful limited herbicide parks are easy to maintain. When deciding to use a herbicide, our Licensed Applicators consider the least toxic application of herbicides to achieve an acceptable threshold of control of weeds or pests. New parks and landscapes are designed with low herbicide needs in mind.

TRIMEC® 992 **BROADLEAF HERBICIDE**

*For Sale To And Use By Commercial Applicators
And Professional Landscapers Only.*

Not For Sale To Or Use By Homeowners.

Controls Dandelion, Clover, Knotweed, Henbit, Chickweed,
Plantain, Spurge and many other broadleaf weeds.



Cheetah Pro

NEW NON-SELECTIVE HERBICIDE



Ranger
PRO® Herbicide

Complete Directions for Use

The complete broad-spectrum postemergence professional herbicide
for industrial, turf and ornamental weed control.

EPA Reg. No. 524-517

2007-1



Roundup
PROMAX®
Herbicide

The complete broad-spectrum postemergence
professional herbicide for non-crop, industrial,
turf and ornamental weed control.

Glyphosate Usage < 10-12 Gallons Annually

Pesticides Used by the LAC PROS Division

Parks Staff Herbicides Training

► PROS Staff are required to attend yearly CEU training to maintain their Pesticide Applicators License 3A & 3B

► In the PROS Division seven (7) are Licensed: Three (3) Golf Maintenance Staff; Five (5) Parks Staff - Assistant Superintendent and four (4) leads

Weeds on Turfgrass & IPM¹⁰

- Top Ten reasons to control Weeds
- 1. Weeds compete with turfgrass for light, moisture & nutrient
- 2. Weeds decrease the economic value of landscapes
- 3. Weeds damage the appearance of lawns, parks, playing fields, and recreational turfs
- 4. Weeds make athletic & recreational turfs slippery and increase the chance of injury to players
- 5. Weeds produce large quantities of seeds
- 6. Weeds produce pollen that can cause allergic reaction
- 7. Weeds become fire hazards along roads and near buildings once the top growth dies
- 8. Weeds harbor pest insects & rodents
- 9. Weeds provide a good place for the development of disease-causing organism
- 10. Weeds are sometimes poisonous to people, pets & livestock

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You are here: NPIC Home Page • Pesticide Ingredients • Active Ingredients • Glyphosate

Glyphosate is a non-selective herbicide that works by stopping the plant from producing an enzyme it needs to make protein for proper growth. Glyphosate is widely used in agriculture, industrial weed control, forestry, and in outdoor residential applications. It comes in a number of chemical forms but most of the formulated products contain the isopropylamine salt. The toxicity of glyphosate is influenced by the surfactant in the product.

GLYPHOSATE

General Questions about Glyphosate

- What is glyphosate?
- What are some products that contain glyphosate?
- How does glyphosate work?

Related Topics:

- Understanding Pesticide Risks
- Weed Control and Herbicides 2,4-D
- What are pests?
- Learn about a pest
- Identify a pest
- Control a pest
- Integrated Pest Management
- What are pesticides?

Safe Mixing and Handling of Herbicides

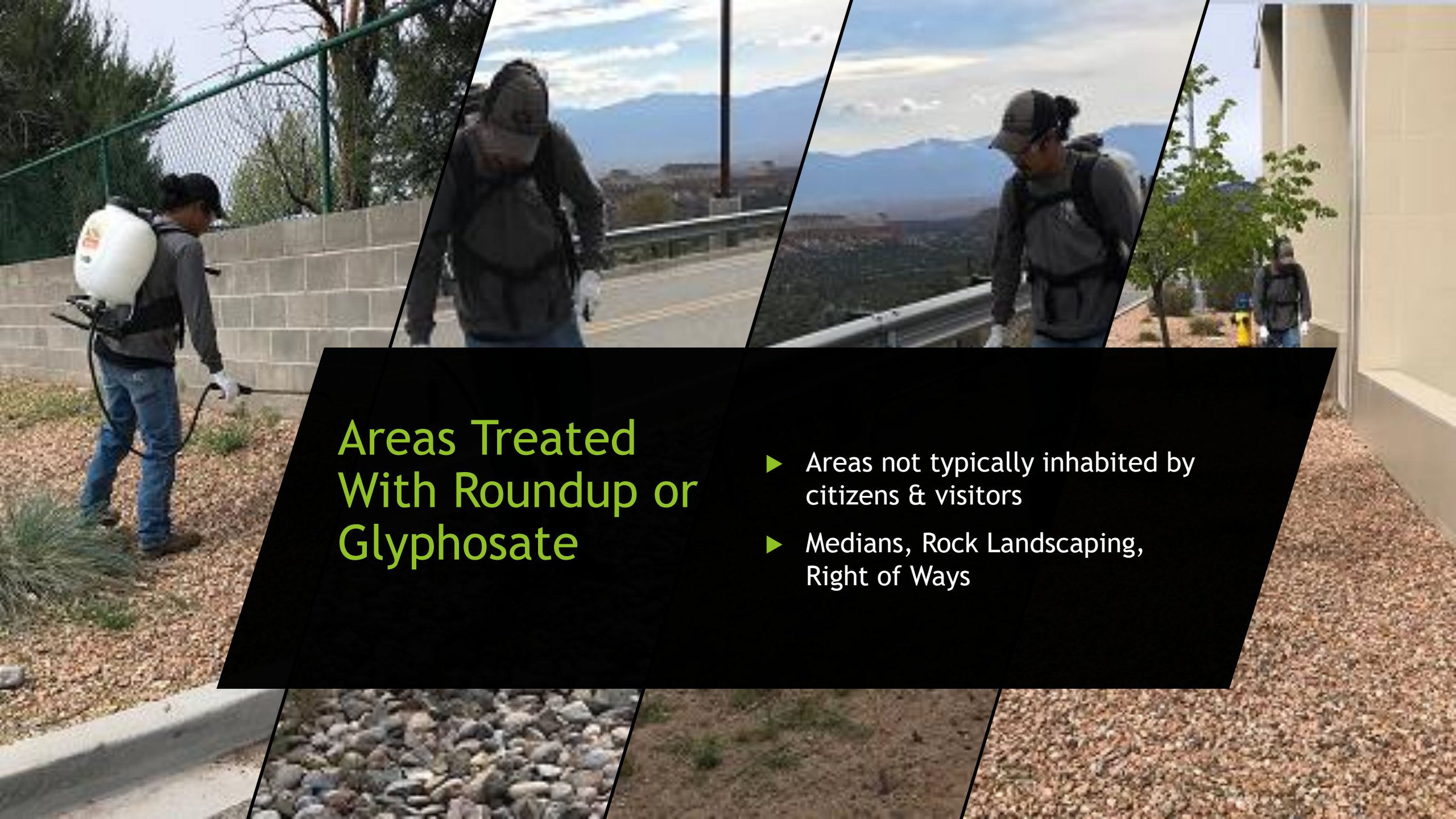
ALL APPLICATORS ARE REQUIRED TO APPLY HERBICIDES ACCORDING TO MSDS SHEET AND CHEMICAL LABEL



Personal Protective Equipment



- ▶ Eye Protection
 - ▶ Glasses or chemical goggles if there is a significant potential for contact
- ▶ Skin Protection
 - ▶ Chemical resistant gloves, long sleeved shirt, long pants, closed toed shoes with socks
- ▶ Respiratory Protection
 - ▶ No special requirement when used as recommended



Areas Treated With Roundup or Glyphosate

- ▶ Areas not typically inhabited by citizens & visitors
- ▶ Medians, Rock Landscaping, Right of Ways

Areas Typically Treated with Trimec or 2,4-D





Herbicides Use Timing

- ▶ Effective use of Herbicides can be dependent on timing of applications.
- ▶ Some examples:
- ▶ Juvenile growth (can be controlled with weaker solution of herbicide)
- ▶ Treatments prior to weeds going to seed and producing more weeds.
- ▶ Treating weeds prior to creating tillers.

- All applications are recorded by the person doing the herbicide application. Information to be collected includes:

- Date /time
- Temp / wind speed /direction
- Location
- Target / Pest
- Herbicide brand name / EPA reg #
- Concentration / Gal
- Volume used
- Applicator



LOS ALAMOS
Parks, Recreation, Open Space

Pesticide Application Record

Date: _____	Temperature: _____
Time: _____	Wind Speed: _____
Work Order#: _____	Wind Direction: _____
Location of Application: _____	
Target Site: _____	
Target Site: _____	
Pesticide Brand Name: _____	
E.P.A. Registration #: _____	
Concentration/Gal.: _____	
Volume Used: _____	
Applicator: _____	
Print	

Sign	
Employee #: _____	
Supervisor: _____	

101 Camino Enriquez, Building 5
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Parks Division Protocol for Public Notification

- ▶ **No notification when used in areas with limited public access**
 - ▶ Example: Glyphosate (Roundup) in a roadway median; typically spot application
- ▶ **Signage and/or pins when spot treating in areas with anticipated public access**
 - ▶ Example: 2,4-D (Trimec) spot application for dandelion control in park grass
- ▶ **Press release, signage, temporary closure for broad application in areas with anticipated public access**
 - ▶ Example: 2,4-D (Trimec) boom spraying in a park - extremely rare
- ▶ **According to manufacturer label Glyphosate and 2,4-D treated area are acceptable for public re-entry once dry.**
- ▶ **Marked areas remain marked for a minimum of 24 hours after application (areas typically dry in a period of less than 1 hour depending on weather conditions)**

Questions?



County of Los Alamos

Staff Report

May 20, 2021

Los Alamos, NM 87544
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Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14297-21

Title

Review and Approve the FY22 ESB Work Plan

Recommended Action

I move that the Environmental Sustainability Board approve the FY22 Workplan as presented.

Or

I move that the Environmental Sustainability Board approve the FY22 Workplan as amended.

Body

The Environmental Sustainability Board will review and approve the FY22 Workplan.

Attachments

C - Draft FY22 Environmental Sustainability Board Work Plan



LOS ALAMOS
where discoveries are made

Draft FY22 Work Plan for Los Alamos County Boards and Commissions

(Fiscal Year 2022: July 1, 2021 – June 30, 2022)

Board and Commission Name: Environmental Sustainability Board

Date prepared: April 15, 2021

Date approved by Council: MMMM, DD, YYYY

Prepared by: ESB

**This work plan will be accomplished in the following time frame:
July 1, 2021 to June 30, 2022**

Chairperson: Erik Loechell

Members and terms:

Member	Start/End Dates	Term
Erik Loechell	8/1/2018 – 7/31/2022	1
Alesia Benson	8/1/2020 – 7/31/2022	1
Heidi Rogers	8/1/2019 – 7/31/2021	2
Heather Ward	8/1/2019 – 7/31/2021	2
Amanda Macdonald	8/1/2017 – 7/31/2021	1
Brendon Parsons	8/1/2020 – 7/31/2022	1
Dina Pesenson	8/1/2020 – 7/31/2022	1

Department Director: Anne Laurent, Public Works Department

Work plan developed in collaboration with Department Director? (Y/N?) Y

Staff Liaison: Angelica Gurule

Administrative Support provided by: Public Works Staff

Council Liaison: Sean Williams Reviewed by Council Liaison? Y

1.0 Provide a brief Summary of your Board or Commission’s activities over the past twelve months. Please describe your Board or Commission’s accomplishments and identify constraints. List any “lessons learned” and identify the greatest challenges faced by the Board or Commission.

- ESB member served on Energy & Water Conservation Subcommittee hosted by Department of Public Utilities.
- Continued supporting implementation of the Yard Trimming Roll Cart Program to 69% of households (4,788) and diverted 2,367 tons of yard trimming material in the past 2.5 years.
- Continued implementing Zero Waste Initiatives
 - Team activities included: Premiered the drive-in movie of Just Eat It: A Food Waste movie and hosted a panel discussion with the producer of the movie. Developed ways to reach Los Alamos County Citizens virtually during the COVID-19 Pandemic by maintaining the Zero Waste Los Alamos Facebook group, published articles in PEEC Nature Notes as well as published monthly Zero Waste articles and tips focused on food waste prevention and other waste reduction methods. Hosted a Food Waste Prevention presentation by Shelby Wood for the community as well as for Voices of Los Alamos.
 - Assisted in the creation and distribution of 320 backyard compost kits in effort to reduce food waste sent to the landfill. The project was a collaboration between PEEC and Los Alamos County and was funded in part by New Mexico Clean and Beautiful, Los Alamos County, and Enterprise Bank and Trust.
 - Distributed 1,900 sets of reusable utensils to Aspen Elementary, Barranca Elementary, Los Alamos Middle School and Los Alamos High School in an effort to reduce waste from lunch service across the school district.
- Successfully hosted two Quarant-Clean Up Los Alamos Day’s in compliance with COVID Safe Practices.
- Received the following presentations:
 - Recycle Coach Overview by Angelica Gurule

- Black Bears in New Mexico Information Presentation by Bob Osborn of New Mexico Department of Game and Fish
- Teaching Practical Strategies for Reducing Waste Food Through Community Events – A Webinar Overview by Angelica Gurule
- A Discussion with Author Laura Paskus about New Mexico’s Changing Climate
- Glyphosate – A Round Up the Research by Heidi Rogers, ESB Member
- Discard Hierarchy by Sarah Pierpont, of New Mexico Recycle Coalition
- Recycling Program Update by Morris Friedman of Friedman Recycling
- Organics Collection in Christ Church, New Zealand, by Erik Loechell
- Open Meeting Act Overview by Katie Thwait
- Supported 2020 The People’s EcoChallenge with participation from 40 community members in two teams that ranked #91 and #129 nationally.
- Continued promoting Recycle Coach App to Los Alamos residents to reduce recycling contamination, provide real time notifications and educate residents on Environmental Services programs (1,562 users)
- Continued Food Waste Prevention Education
- Co-Sponsored the Virtual Recycle Art Fair & Fashion Show with Los Alamos Public Schools in celebration of America Recycles Day with 15 participants for the fashion show and over 100 artists
- Discussion items included:
 - Environmental Services Budget Projections
 - Food Waste Composting and Feasibility Study
 - NMED Annual report on the closed landfill and transfer station
- Conducted education and outreach activities at the following events:
 - Just Eat It Panel Discussion
 - Just Eat It Drive-In Movie

2.0 Describe the future work plans for this Board or Commission using the following items and showing the relationship to those items: *(Please remember that Council approval of this work plan does not constitute official Council approval of proposed projects, assignments, or anticipated recommendations included in this work plan that have budget implications.)*

2.1 List any special projects or assignments given to this Board or Commission by Council or the Department director:

- Assist Environmental Services in their efforts to conduct municipal food waste composting feasibility study.
- Assist as needed with recommendations on the code development related to the carts, exemptions for those in need, education, outreach and roll out of the bear carts and dumpsters
- Collaborate with Department of Utilities and PEEC at annual Water Festival
- Partner with Chamber of Commerce to develop locally recognized Green Business Certification
- Host 19th annual Clean Up LA Day
- Maintain a balanced budget for Environmental Services operations
- Contribute, as appropriate, to the implementation of the Yard Trimming Collection program (3rd bin for organic yard trimming material)
- Partner with LA Public Schools to host Recycle Art Fair and Fashion Show
- Continue supporting LA public schools in their efforts towards resiliency and sustainability.
- Continue to increase participation/users for the Recycle Coach app.
- Continue to support Zero Waste education and services for County events including the summer concert series.

2.2 List the guiding documents/plans (with approval or revision dates listed) used by this Board or Commission.
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- Environmental Sustainability Plan
- Environmental Sustainability Board Work Plan

2.3 Other projects/assignments proposed by the Board or Commission: (Any projects or activities proposed in this section should be discussed with the Council Liaison prior to listing it in this work plan.) To assist with Council review of the work plans, please list the B&C's proposed projects or assignments in priority order.

Composting:

- Provide feedback for the food waste composting feasibility study
- Promote back yard composting for food waste diversion
- Monitor existing bio-solid composting program

Community Education/Events:

- Participate in Bear Festival and provide other educational outreach materials to promote wildlife awareness
- Develop and implement environmental education and outreach materials and distribute to residents at community events such as ScienceFest, Farmer's Markets, ChamberFest, Earth Day, Bike to Work Week, and Bear Festival.
- Host Zero Waste Champion of the Year Award
- Collaborate with organizations such as Chamber of Commerce, PEEC, LAPS, and UNM-LA to educate about recycle and zero waste initiatives.
- Partner with County to promote "zero waste"
- Partner with Chamber of Commerce to develop locally recognized Green Business Certification
- Promote and participate in EcoChallenge

Work with Schools:

- Continue to work with LAPS to educate and implement waste diversion and prevention programs including zero waste lunches, reduce, recycle, reuse and composting by participating in the Green Schools Task Force
- Host Recycle Fair and Fashion Show
- Partner with Utilities and PEEC at Water Festival

Continued Research Areas:

- Continue researching other glass recycling options
- Continue to investigate Waste to Energy Methods
- Research and become knowledgeable about Project Drawdown in support of carbon reduction goals and disseminate recommendations for Environmental Services Sustainability Plan
- Explore Bee City Programs

- Research extent of use of pesticide usage within the County operations
- Explore and understand surface water run-off from Los Alamos County

3.0 Identify any interfaces for the goals/tasks in this work plan with County Departments and other Boards and Commissions. Specify the coordination required.

- Continue to nurture and strengthen relationship with BPU, DPU and Los Alamos Resiliency, Energy and Sustainability Task Force to support energy, water quality and water conservation.
- Continue to outreach to other Boards and Commissions (Parks and Rec and CDAB) regarding pesticides and herbicide use.
- Participate in the process of code development updates, specifically related to energy reduction and green building requirements or incentives
- Continue to be available to other county boards and commissions regarding environmental sustainability
- Liaison to and partner with Los Alamos Resiliency, Energy and Sustainability Task Force on recommendations to County Council regarding waste, recycling, and composting.

Task is added to ensure that the 3 boards work as a team developing a policy and public education program.

4.0 List any special public information or involvement meetings or efforts to be conducted by this Board or Commission:

The ESB will sponsor the events with an asterisk* and will host outreach and educational booths at the other events listed below to educate, share information, and solicit input from LAC residents and customers. The ESB will provide prior notification to the public utilizing a minimum of one media platform such as but not limited to: Facebook, press release, LA Daily Post paid advertisement, Environmental Services website, bill insert, newspaper insert, LAVA Flyers, and/or County Line Newsletter. The ESB may also utilize County Open Forum Survey as a resource to solicit public input. The cost for the ESB public outreach efforts is budgeted in the Environmental Services budget.

- Earth Day Festival
- Bear Festival
- Los Alamos Summer Concert Series
- Green Team Event*
- County Fair Event

- Science Festival
- Chamber Festival
- Farmer’s Market (2 events)
- Recycle Art Fair & Fashion Show*
- Eco Challenge*
- Zero waste, recycling and/or composting workshops or lectures at PEEC and Los Alamos clubs*

5.0 List the current subcommittees for this Board or Commission.

5.1 For subcommittees with members that are not members of the parent board or commission: List the subcommittee members and their terms.

Explain how sub- committee members are selected or appointed.

Provide a description of each subcommittee’s charter or purpose.

Describe the expected duration for the subcommittee and their work plan(s) demonstrating how they support the Board or Commission:

Attachment A: Provide a copy of your Board or Commission’s “Purpose” and “Duties and Responsibilities” from Chapter 8 of the County Code:

Attachment B: Using the chart below, place an X in the column on the right if the Council Goal is related to the work of the Environmental Sustainability Board

Attachment A

- **Sec. 8-231. - Purpose.** The environmental sustainability board is established to serve as the central point of contact for environmental sustainability issues and as an advisory body to the county council on environmental sustainability issues.

(Ord. No. 02-078, § 2, 10-3-2006; Ord. No. 02-094, § 2, 6-10-08)

- **Sec. 8-232. - Membership, terms and qualifications.** The board shall consist of seven members. The members shall serve for staggered two-year terms beginning on August 1 and ending on July 31, except that three members on the initial board shall only serve for one-year terms.

(Ord. No. 02-078, § 2, 10-3-2006; Ord. No. 02-094, § 3, 6-10-08)

- **Sec. 8-233. - Duties and responsibilities.** The environmental sustainability board shall serve in an advisory capacity to the county council and shall have the following functions, responsibilities and duties:

- (1) Gather and provide citizen input to staff and council on ways to improve the county's environmental sustainability and on proposed environmental sustainability policies, programs and services. For this purpose, the board shall gather public input in ways appropriate to the circumstances.
- (2) Recommend ways to involve and educate the community on environmental sustainability issues. Review and comment on public involvement and information plans (PIIPs) related to environmental sustainability projects outside the department of public utilities.
- (3) Review and comment to council on environmental sustainability master plans.
- (4) Review all environmental sustainability related matters submitted to the board by council.
- (5) Coordinate with other boards as appropriate on environmental sustainability activities.

(Ord. No. 02-078, § 2, 10-3-2006; Ord. No. 02-094, § 4, 6-10-08)

Council Goals and Priority Areas

Enhancing quality of life, economic vitality, environmental sustainability, and racial equity and inclusivity are overarching goals that will be components of all our efforts as we coordinate with Los Alamos National Laboratory and regional partners and plan for appropriate levels of County services.	
Enhancing Communication	
Enhancing communication with the public to promote transparency and strengthen trust in County government.	X
Increasing the Amount and Types of Housing Options	
This includes increasing the variety of housing options for all segments of the community, from affordable to new options for those interested in downsizing or moving closer to central areas of the community, and pursuing opportunities for utilization of vacant spaces to address these needs.	
Protecting, Maintaining, and Improving Our Open Spaces, Recreational, and Cultural Amenities	
Los Alamos County open spaces and cultural attractions are greatly valued by the community and provide opportunities for recreational and economic growth; appropriately allocating resources to ensure their health and sustainability is important to our citizens.	X
Enhancing Support and Opportunities for the Local Business Environment	
This includes appropriately supporting existing businesses, growing new businesses, supporting technology start-ups and spin-offs, and identifying opportunities for utilizing vacant space as a part of these efforts.	X
Supporting Social Services Improvement	
Behavioral, mental, and physical health and social services are important quality of life components; there are key areas where appropriate types and levels of County support could help address current needs	
Improving Access to High Quality Broadband	
Enabling reliable high-speed broadband service throughout the county by determining appropriate investments (e.g., conduct a community needs analysis, evaluate technical options).	
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.	X
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County of Los Alamos

Staff Report

May 20, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters: Erik Loechell

Legislative File: 14290-21

Title

Discuss the 2021 Zero Waste Champion of the Year Award

Recommended Action Motion

N/A

Body

The ESB will discuss the 2021 Zero Waste Champion of the Year Award. The ESB chose to have several categories this year: Schools, Business, Non-Profit Organizations, Small Business and Restaurants.

The following is the tentative schedule for the Zero Waste Champion of the Year Award:

April 19 - Open solicitation period for nominations
May 10 - Close solicitation period for nominations
May 20 - ESB to review nominations
May 24 - June 1 - Public Voting Period for Zero Waste Champion of the Year
June 4 - Notify winners
June 8 - Announce Winners via local Media and via Facebook Live
TBD - Proclamation at future County Council Meeting

Unfortunately, only one nomination was submitted for the Zero Waste Champion of the Year Award. After speaking with Ryn Hermann, in future years she is in favor of collaborating at the annual Chamber Awards and adding a category for Zero Waste Champions.

Attachments

N/A



County of Los Alamos

Staff Report

May 20, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters: Angelica Gurule

Legislative File: 14300-21

Title

Environmental Services Business & Operation Updates

...Suggested Motion

N/A

Body

Environmental Services operates as an enterprise fund which provides solid waste services to businesses and residents of the community. The ESB receives routine updates regarding business and operations, as well as future outreach opportunities.

1. The yard trimming program began again on March 15 and will go through December 10th. The County purchased a new grinder to transform brush into mulch for landscaping and composting. Its estimated delivery date is June 1, 2021.
2. Environmental Services Division is collaborating with NM Department of Game and Fish to procure 300 bear tough carts and 7 bear resistant dumpsters. The carts and dumpsters have been ordered and the estimated delivery date is 6-8 weeks.
3. The Food Waste Composting Feasibility Study and Design contract agreement was approved by County Council on April 6, 2021.
4. The County has an initial meeting scheduled with SCS Engineers and is excited to get started on this project.
5. Environmental Services submitted a grant application to the Recycling and Illegal Dumping Grant for a recycling baler and received unofficial notice that the project has been awarded for FY22.
6. Clean Up Los Alamos Day was a success. This year we had three sponsors: Coca Cola, N3B, and Zia Credit Union. There were 18 groups that signed up with a total of 160 volunteers. Environmental Services held a raffle for those who participated and submitted a photo of their cleaning effort for a chance to win one of five backyard composting kits or one of three zero waste kits.
7. Environmental Services submitted the first quarter 2021 Landfill Methane Probes Report. The concentration of methane generated by the facility did not exceed 25 percent of LEL for methane in facility structures (excluding gas control or recovery system components) and was shown to be compliant with 20.9.5.9(B)(1) NMAC. Methane readings at all buildings/on-site structures were 0.0 percent methane in air during the quarterly monitoring; and The concentration of methane did not exceed the LEL at the facility property boundary and therefore shown to be compliant with 20.9.5.9(B)(2) NMAC. Methane readings at all gas probe

locations were 0.0 to 2.9 percent methane in air during the quarterly monitoring.

Attachments

N/A



County of Los Alamos

Staff Report

May 20, 2021

Los Alamos, NM 87544
www.losalamosnm.us

Agenda No.:

Index (Council Goals):

Presenters: Angelica Gurule

Legislative File: 14298-21

Title

April 2021 Residential Sustainability Report

Recommended Action Motion

N/A

Body

The ESB will review and discuss the April 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

D- Residential Sustainability Report - April 2021



Residential Sustainability Report

Service Period: April 2021

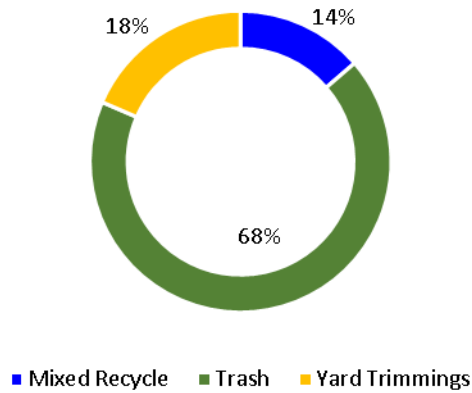


LOS ALAMOS

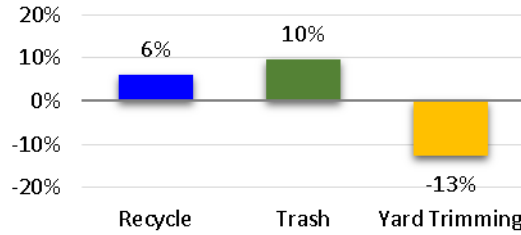
April Diversion Rate: **32%**

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

Monthly Collection Report

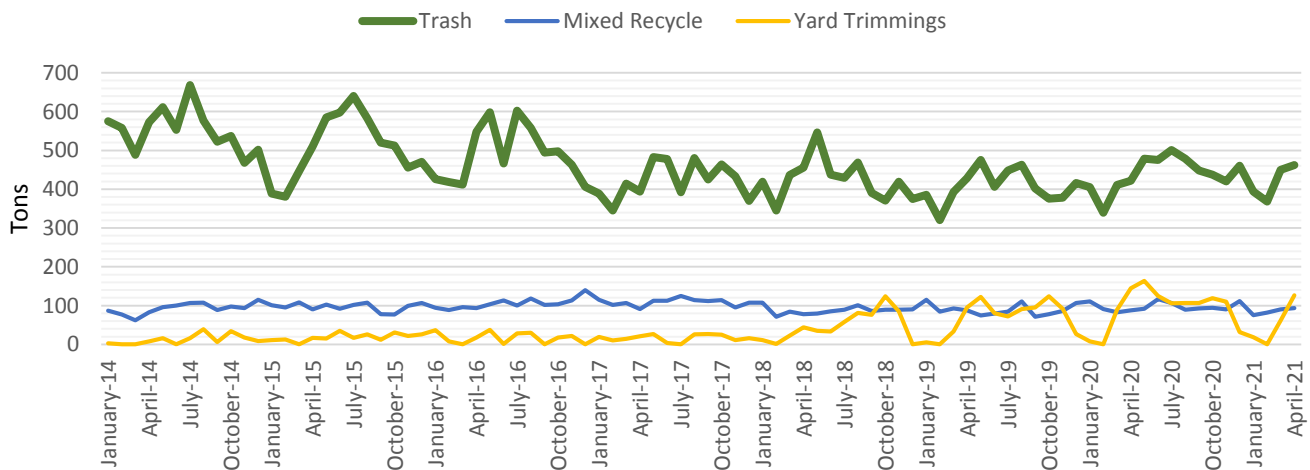


% Change Previous Year

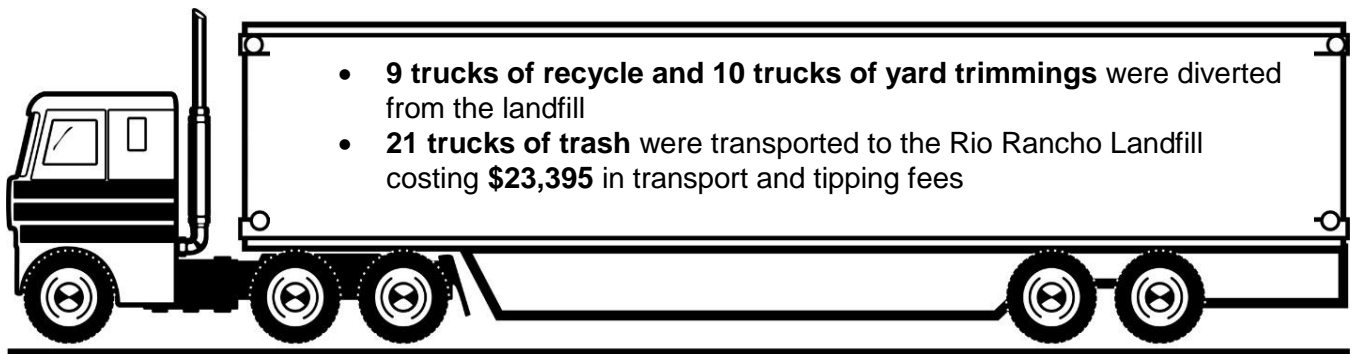


	Apr-20	Apr-21
Yard Trimming	144.89	126.41
Recycle	87.80	93.12
Trash	421.92	462.39

In April by recycling and composting Los Alamos County reduced GHG emissions by ~567 tons



In 2021 by recycling and composting Los Alamos County reduced GHG emissions by ~1572 tons



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