

**TOWN OF MOUNTAIN VILLAGE
GREEN TEAM COMMITTEE MEETING
MONDAY, JANUARY 29, 2018, 2:00 PM
2nd FLOOR CONFERENCE ROOM, MOUNTAIN VILLAGE TOWN HALL
455 MOUNTAIN VILLAGE BLVD, MOUNTAIN VILLAGE, COLORADO
AGENDA**

| Item # | Time | |
|---------------|-------------|--|
| 1. | 2:00 | Call to Order |
| 2. | 2:05 | Approval of the November 2, 2017 Minutes |
| 3. | 2:10 | Brief Recap of the Most Recent Town Council Meeting |
| 4. | 2:20 | Discussion & Updates Regarding: <ul style="list-style-type: none">• Composting/Trash Audit Project• Composting Conference• Meadows Bathroom Solar Project• Similar Existing Organizations |
| 5. | 3:40 | Next Steps |
| 6. | 3:50 | Other Business |
| 7. | 4:00 | Adjourn |

**TOWN OF MOUNTAIN VILLAGE
MINUTES OF THE NOVEMBER 2, 2017
GREEN TEAM MEETING DRAFT**

The meeting of the Green Team Committee was called to order by Chair Jonathan Greenspan on Thursday, November 2, 2017 at 1:00 p.m. in Mountain Village Town Hall, 455 Mountain Village Boulevard, Mountain Village, Colorado.

Attendance:

The following Green Team Committee members were present:

Jonathan Greenspan, Chair and Mountain Village Resident
Patrick Berry, Mountain Village Town Council
Bruce MacIntire, Mountain Village Town Council
Marti Prohaska, Mountain Village Resident
Jeff Proteau, Telluride Ski and Golf Company
Savanna Wagner, At Large Member

The following Green Team Committee were absent:

Garrett Brafford, Telluride Mountain Village Owner's Association

The following were also in attendance:

Kim Montgomery, Town Manager (Staff)
Michelle Haynes, Director of Planning and Development Services (Staff)
Christina Lambert, Administrative Services Coordinator (Staff)
Anton Benitez, Telluride Mountain Village Owner's Association

Consideration of Approval of Minutes:

October 16, 2017 Green Team Committee Meeting Minutes

On a **MOTION** by Jeff Proteau and seconded by Marti Prohaska, the Green Team Committee voted unanimously to approve the October 16, 2017 meeting minutes as presented.

Discussion took place on the following topics:

- Jonathan Greenspan provided a copy of Telluride's Ecology Commission work plan
- Creating a work plan detailing how we can achieve our goals
- Anaerobic and Aerobic composting
- In vessel systems should be considered
- Consider focusing on composting at VCA and then move to the Meadows
- Start small and go big!
- A pilot program- what works and what doesn't

- The EAP has been talking about composting for several years
- Use the work that has been done so as not to reinvent the wheel
- Talk to VCA and make sure residents want composting there
- Labor aspect- whoever owns the composting facility will need outreach and education
- Contact other groups who are already composting and see how it's working
- Consider an ice cream social at VCA to talk about the future composting site
- Consider 1-2 potential location sites
- Long term goal could be waste to energy
- Sweden is 100% powered off refuse
- Closed use system has zero waste
- Opportunity to take care of the trash problem and create energy
- Keep waste to energy in the back of our minds as a long-term goal
- Only 15 years left in Aspen's landfill
- Determine Green Team's highest priorities
- Create a work plan
- Small community based composting system is a short-term goal
- Could consider sending out a survey and have a meet & greet
- May need to look into big items such as identifying land for larger composting and for a waste to energy facility
- Adopt a mission statement
- It's important to reduce waste and use of coal
- Come up with short/mid/long term goals
- Measurable Data is critical
- Report back to Town Council at the December meeting

Committee Follow Up:

After much discussion, the following was decided:

1. The Green Team will work together to create a work plan.
2. A member of the Green Team will present the final work plan to Town Council at the December meeting.

Other Business:

There being no further business, on a **MOTION** by Patrick Berry and seconded by Jeff Proteau, the Green Team Committee voted unanimously to adjourn the meeting at 2:52 p.m.

Respectfully submitted,

Christina Lambert
Administrative Services Coordinator

Green Team

Mission Statement: To create and sustain a community that has a net zero impact on the natural environment.

The Mountain Village Green Team represents an environmentally focused community coalition that consists of representatives from the Town of Mountain Village staff, TMVOA, Town of Mountain Village Town Council, TSG Ski and Golf Co., and citizens at large. The coalition seeks to neutralize environmental impacts in Mountain Village by promoting practical well-vetted programs that offer measurable results to ensure the most efficient use of funding capital.

CORE EFFORTS

NEUTRALIZE ENVIRONMENTAL IMPACTS – Multi-pronged effort to neutralize the environmental impacts from the Mountain Village commercial, residential and municipal sectors. This segment will focus primarily on short-term project based programs that enable environmental efficiencies, create closed loop systems and promote desired environmental human behaviors through economic incentives. Any resources remaining after short term project planning will flow to mid and long term projects and planning.

COMMUNICATE AND EDUCATE – Primarily involves creating and sharing content that educates and informs Mountain Village citizens about current Mountain Village environmental initiatives, challenges, and threats. Communication strategy will consist primarily of electronic media channels and word of mouth to maximize exposure and minimize environmental impacts.

INDEX AND BENCHMARK – Utilize data to create project specific performance metrics to evaluate the effectiveness of programs and initiatives. Participating entities will integrate data gathering strategies and infrastructure into day-to-day operations whenever possible. The coalition will also work with similar state, local, and regional organizations to avoid redundant efforts and gain synergies across organizational entities.

ANNUAL DELIVERABLES

PROJECTS AND INITIATIVES – Provide a working list and description of planned short, mid, and long-term projects. The Green Team will also be responsible to provide an annual status report for in progress mid and long-term projects and initiatives.

BUDGET – Provide a supporting budget for proposed annual projects and initiatives.

BENCHMARK – Provide supporting benchmark technique/tactic for individual projects and initiatives.

QUARTERLY UPDATES – Provide Quarterly progress reports to the Mountain Village Town Council. Ad hoc projects with immediate impact will be presented on a case by case basis.

Christina Lambert

From: Michelle Haynes
Sent: Tuesday, January 16, 2018 12:37 PM
To: Christina Lambert
Subject: Re: Upcoming Green Team Committee Meeting

Heather

The site selection has not been perfected so the meadows would be on the table. Talk soon.

Michelle

Sent from my iPhone

On Jan 16, 2018, at 12:17 PM, Christina Lambert <CLambert@mtnvillage.org> wrote:

Thanks

From: Michelle Haynes
Sent: Tuesday, January 16, 2018 12:11 PM
To: Christina Lambert <CLambert@mtnvillage.org>
Subject: FW: Upcoming Green Team Committee Meeting

Chris:

This can go in the Green Team packet for the upcoming meeting.

Michelle Haynes, MPA
Planning and Development Services Director
Town of Mountain Village
455 Mountain Village Blvd. Suite A
Mountain Village, CO 81435
O:: 970-239-4061 – PLEASE NOTE NEW OFFICE PHONE NUMBER
M:: 970-417-6976
mhaynes@mtnvillage.org

<image002.jpg>

Email Signup | Website | Facebook | Twitter | Pinterest | Videos On Demand

From: Heather Knox [<mailto:heather@ecoactionpartners.org>]
Sent: Tuesday, January 16, 2018 11:45 AM
To: Michelle Haynes <MHaynes@mtnvillage.org>
Subject: FW: Upcoming Green Team Committee Meeting

Hi Michelle –

I hope you are well!

I met with Marti the other day about the Green Team and she forwarded this to me. I am planning to attend the upcoming GT meeting as public/MV resident.

EcoAction just received an RREO mini-grant from the State of CO for composting for the Town of Ophir. We will be purchasing the equipment within the next few weeks and implementing once the in-vessel systems are received. I have quite a bit of information on different types and costs of composting equipment; I can help provide info if you would be interested.

Also, bigger picture, I think the Town of Mountain Village could benefit from a waste reduction plan (or review of previous?), which could be supported in part by a CDPHE RREO grant. I am now on the RREO Advisory Committee for the state of Colorado and I have learned so much about the process! In the past, EcoAction has been submitting these grant requests under our small organization, which I now know has hurt our chances of getting the grants because our annual budget is so small and financial strength of the organization (annual budget) is weighed heavily in the grant review process. It would be much stronger if the grant request (due early-March) came from a town government (because of budget/financial strength), for an overall plan of waste reduction which includes composting, recycling and other waste reduction efforts.

Ten years ago or so the Town adopted a Zero Waste ordinance. But it seems like there are still many, many opportunities for improvement. Recycling at the Telluride Conference Center; incentives for restaurants and businesses to use reusables vs disposables; pre-consumer restaurant food waste (the easiest to manage/handle), to name just a few that I have noticed recently.

When I presented to the IG meeting, Bruce MacIntire was very interested in a composter that produces a natural gas equivalent that I thought would be an incredible asset to a MV property. These are used widely in Europe but they have not gotten traction in the US yet, but if implemented would provide an incredible marketing opportunity! (I'm attaching my IG presentation for your reference).

If you/MV is interested in a bigger waste reduction plan that includes recycling and composting, EcoAction could work on the grant on behalf of the Town. There are opportunities to leverage greater funding, like we have done with the CARE/SMPA IQ Program at VCA (and we plan to do more there in 2018). And if this potential grant doesn't get funded, purchasing a unit for VCA would still be easily possible prior to summer.

Would you have time to meet to discuss this concept? Please let me know if you have availability next week or another day that works for you. The days I'm booked up right now are Monday afternoon and Wednesday until 3PM.

Thank you for considering this.

Heather Knox

EcoAction Partners
heather@ecoactionpartners.org
www.ecoactionpartners.org
Cell: 970.729.3362

From: Marti Prohaska [<mailto:martinedavis@gmail.com>]
Sent: Monday, January 15, 2018 11:53 AM
To: heather@ecoactionpartners.org
Subject: Fwd: Upcoming Green Team Committee Meeting

Here is next meeting date - let me know if you can't make it

Begin forwarded message:

From: Michelle Haynes <MHaynes@mtnvillage.org>
Date: January 15, 2018 at 10:23:47 AM MST
To: Christina Lambert <CLambert@mtnvillage.org>, Bruce MacIntire <BMacIntire@mtnvillage.org>, Garrett Brafford <garrett@tmvoa.org>, "Jeff Proteau" <jproteau@tellurideskiresort.com>, Jonathan Greenspan <jg@sunrisetelluride.com>, Kim Montgomery <KMontgomery@mtnvillage.org>, "Marti Prohaska" <martinedavis@gmail.com>, Patrick Berry <PBerry@mtnvillage.org>, Savanna Wagner <savvylwagner@yahoo.com>
Subject: RE: Upcoming Green Team Committee Meeting

Green Team:

Do we have a sense of the dimension and requirements around composting equipment to be tentatively placed at the VCA? Having a few options to look at in terms of electrical, building, manpower, seasonal or year round use would be helpful discussion points at our next meeting. Perhaps a facility that is summer use only and easy to manage and maintain to begin with would be prudent? Also a facility that is bear proof whether it's the device itself or fencing or material around it would also be good to discuss. A sense of expectations around use and output, how the materials will be used (community garden first, plaza services second?). I am site planning now regarding the VCA expansion, I can integrate some site planning for composting equipment but need more detail and information.

Thank you.

Michelle Haynes, MPA
Planning and Development Services Director
Town of Mountain Village
455 Mountain Village Blvd. Suite A
Mountain Village, CO 81435
O:: 970-239-4061 – *PLEASE NOTE NEW OFFICE PHONE NUMBER*
M:: 970-417-6976
mhaynes@mtnvillage.org

<image003.jpg>

Email Signup | Website | Facebook | Twitter | Pinterest | Videos On Demand

From: Christina Lambert
Sent: Monday, January 15, 2018 10:16 AM
To: Bruce MacIntire <BMacIntire@mtnvillage.org>; Garrett Brafford <garrett@tmvoa.org>; Jeff Proteau <jproteau@tellurideskiresort.com>; Jonathan Greenspan <jg@sunrisetelluride.com>; Kim Montgomery <KMontgomery@mtnvillage.org>; Marti Prohaska <martinedavis@gmail.com>;

Michelle Haynes <MHaynes@mtnvillage.org>; Patrick Berry <PBerry@mtnvillage.org>;
Savanna Wagner <savvylwagner@yahoo.com>

Subject: Upcoming Green Team Committee Meeting

Hi Green Team,

I hope that you all had a wonderful weekend! I just wanted to reach out to inform you that our next meeting will be Monday, January 29 at 2 p.m. This was the best date and time for the majority of the group. I will also be sending you a copy of the agenda in the near future.

Please let me know if you have any questions.

Christina

Christina Lambert
Administrative Services Coordinator

Town of Mountain Village

O :: 970.369.6404

F :: 970.728.4342

[Email Signup](#) | [Website](#) | [Facebook](#) | [Twitter](#) | [Videos On Demand](#)





The dirt on...

Composting!



EcoAction Partners Regional Composting Efforts:

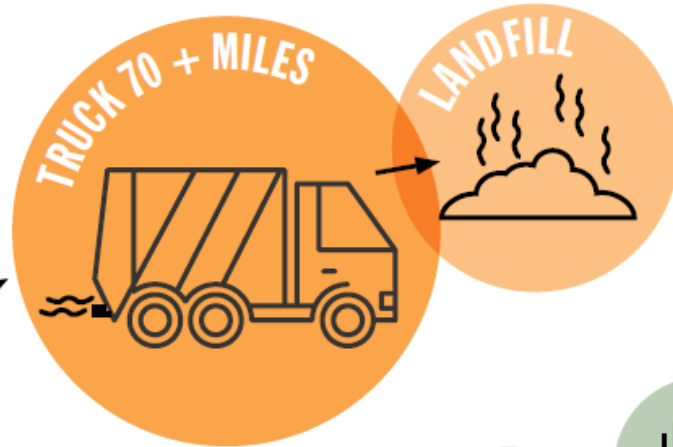
- Brief history
 - Today
 - Future

A close-up photograph showing a person's hands holding a cup of dark brown, rich compost. The compost is contained within a large metal bin. A silver shovel is visible in the background, resting on the compost. The text "Why Compost?" is overlaid in yellow on the image.

Why Compost?

COMPOSTING 101

COMPOSTABLE MATERIALS =
35% OF OUR WASTE STREAM



— IMPACTS —

INCREASES EMISSIONS

METHANE

[25X MORE POTENT THAN CO2]

+
CO2

OR



+ BENEFITS +

SEQUESTERS CARBON

PUTTING IT BACK IN THE GROUND
AND BACK TO GOOD USE

Benefits of Composting:

- Reduce landfill emissions = CO₂ + methane (25x more potent)
- Reduce emissions from trucking waste 70+ miles
- Create valuable soil & nutrients
- Prevent erosion & conserve H₂O
- Carbon sequestration in soil
 - EDUCATE & ENGAGE!

The background of the slide is a close-up photograph of dark brown, rich soil. The soil has a granular texture with many small particles and some larger, irregular clumps. The lighting is somewhat uneven, with slightly brighter areas in the center and darker tones towards the edges, creating a sense of depth and texture.

2007

- TNCC – Formed
- Kris started Festival Composting with Planet Bluegrass

RASH

RECYCLE

COMPOST



2008

- TNCC Support for a Central Composting & Recycling Plant
- Completed CDPHE RREO Grant for S.U.N.R.I.S.E. A new Recycling & Composting Business in Ilium

2008

TNCC secured a successful Public-Private Partnership RREO Grant for \$145K, provided S.U.N.R.I.S.E., LLC:

- \$80,000 for a materials baler
- \$65,000 for an in-vessel anaerobic composting system

In exchange S.U.N.R.I.S.E., LLC would hire 2 FT employees to operate equipment

2009 - 2012

- Baler used & operated;
- Composting Equipment operated sporadically; not successful
- All equipment seized due to bankruptcy/foreclosure
- A major set back to region
- Today: EcoAction trying to get composting unit operational again

2013 - 2014

- TNCC name change
- Searching for new location for Central Composting in the region
- Site location found in Ouray County

2015

- EcoAction working on CDPHE Grant for Regional Composting Site in Ouray County
- Due to zoning issues site unable to move forward
- Shifted RREO Grant from Implementation to Planning Grant



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Capstone Research Projects

- Town of Telluride sponsored John Wontrobski for his graduate degree.
- Capstone Research Project required
- Initially working on operational plans for regional composting facility.
- Due to change in status of location, focus shifted to evaluate the viability & the challenges associated with a central regional composting facility.



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Wontrobski Capstone

Top 3 Challenges for Composting Facility:

1. In MSW stream - Lack of policies that prioritizes source reduction and reuse followed by recycling and composting
2. Cheap landfill disposal fees
3. Deep pockets of the landfill and incinerator industry to lobby for subsidies

Our Region: Available land and with proper zoning & permitting challenges



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Wontrobski Capstone

Recommendations:

- Small-scale operation closer to source
- Permitting not required
- It would likely take a year or more to construct a larger, more complicated commercial regional facility
- Failed attempts (like at SUNRISE & other examples in CO) set composting back
- Overall message: Start Small; succeed small



- Small-scale composting happening individually
- Small business picking up pre-consumer food waste from a restaurants & a few individuals, transporting to land in Norwood
- Business dependent on one individual; not able to grow; not a long term solution



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Shelton Capstone



Analysis:

- Compared 3 locations for large regional site: Illium site, Norwood transfer station, old Ouray landfill
- Comparison of 3 composting methods based on size of site: container composting, wind row, static pile
- Costs ranged from \$600K to \$1.15 million
- Man-power required (jobs); who operates?
- State permitting, planning & construction would take time

2015 – 2016 RREO Grant

EcoAction awarded \$18K RREO Planning Grant to cover:

- Gap analysis of existing waste infrastructure & diversion in 2 Counties
- Establish goals to minimize the amount of waste sent to the landfill
- 2 Waste Audits: quantify & characterize the volume and composition of waste from San Miguel & Ouray Counties

2015 – 2016 (continued)

- Research and analyze existing Class II composting facilities to compare operational & organizational structures
- Identify and evaluate potential for a new Class II compost facility within the 2 Counties



Conclusions from 2016 Planning Grant:

- Significant data gathered on type & quantity of waste (for future grants)
- Average of 71% of material in waste stream could have been diverted through recycling and composting
- 35% of waste is compostable
- Study also looked at recycling options for glass & construction materials

Conclusions from 2016 Planning Grant:

- Challenges associated with getting a large Class II Composting Facility Permitted in our area
- Small – scale “neighborhood composting” would be successful

Benefits of neighborhood composting systems:

- Don't require large plots of land and permitting challenges
- Eliminate trucking waste many miles & associated GHG emissions
 - Decentralized
- Single operator/volunteers per system

Neighborhood Composting Equipment Options

Earth Cube



Benefits:

Takes up to 50 lbs per day
(including bulking agent)

On or off grid

Fully self contained

Aeration System boosts
oxygen levels, reduces odor
improves composting
performance

Options:

Freeze-protection heating
element

Supplemental insulation



Earth Cube Specs:

Dimensions:

48" long x 40" wide x 45" high

Total capacity:

~1.4 cubic yards (285 gallons).

Daily input capacity:

Up to 50 lbs. of total feedstock

Recommended cover materials:
wood shavings, wood chips,
shredded landscape/garden
waste and saw dust.

Expected in-vessel time:

21-30 days

Recommended curing time after
discharge: 1-6 months.



Earth Cube



Base Cost:

\$2,995 per vessel
(plus freight)

Annual Diversion:

8.3 Tons

Estimated Annual GHG
Reduced from Composting:

13 mTCO₂e

Estimated Annual GHG
Reduced from Trucking:

6 mTCO₂e

Annual Total:

19 mTCO₂e

Earth Tub



Benefits:

Takes up to 100 lbs per day
(including bulking agent)

On or off grid

Fully self contained

Positive Aeration System
boosts oxygen levels,
reduces odor improves
composting performance

Options:

Freeze-protection heating
element

Variable frequency drive

Earth Tub

Single Earth Tub Setup

Allow 3ft of Space
from edge of Earth Tub
14ft Diameter Circle

Approx. 8ft Diameter at top of Tub

Biofilter Container extends 3'4" beyond 14" Circle

Specs:

Dimensions: 89" x 89" x 72"

Space requirement:

14' diameter circle

Daily input capacity:

Up to 100 lbs. of total
feedstock

Recommended bulking agent:
wood shavings, wood chips,
saw dust, etc.

Expected in-vessel time:

21-30 days

**Multiple earth tubs can be
used together**

Earth Tub



Base Cost:

\$9,975.00 per vessel
(plus freight)

Annual Diversion:

16.5 Tons

Estimated Annual GHG
Reduced from Composting:

25 mTCO₂e

Estimated Annual GHG
Reduced from Trucking:

12 mTCO₂e

Annual Total:

37 mTCO₂e

City Pod

CityPod® COMPOSTER
THE IDEAL SELECTION FOR
ECO-RESPONSIBLE
URBAN COMPOSTING



City Pod: Small - XL



Working for
nature

COMPLETE ON SITE IN VESSEL COMPOSTING

| CityPod® Composter | CityPod® S | CityPod® M | CityPod® L | CityPod® XL |
|---------------------------|-----------------|-----------------|-----------------|-----------------|
| Weekly Capacity - kg | 325 | 700 | 1 575 | 2 660 |
| Annual Capacity - MT | 17 | 36 | 82 | 138 |
| Dimensions - cm L x W x H | 304 x 129 x 133 | 460 x 129 x 133 | 500 x 140 x 163 | 556 x 196 x 203 |

Small: 10' x 4.25' x 4.3'; about 100 lbs/day; 716 lbs/wk

Medium: 13.3' x 4.25' x 4.3'; about 200 lbs/day; 1,542 lbs/wk

Large: 16.4' x 4.6' x 5.3'; about 500 lbs/day; 3,472 lbs/wk

XL: 18.5' x 6.4' x 6.7'; about 850 lbs/day; 5,846 lbs/wk

City Pod: Small - XL



Base Cost Small:

\$35K (plus freight)

M – XL up to \$135K

Annual Diversion Small:

17 Tons

Estimated Annual GHG

Reduced from Composting:

26 mTCO₂e

Estimated Annual GHG

Reduced from Trucking:

13 mTCO₂e

Annual Total:

39 mTCO₂e

Small is About comparable to Earth Tub

Medium: 36.4 Tons diverted; 56 mTCO₂e + 28 mTCO₂e = 84 mTCO₂e

Large: 81.9 Tons diverted; 126 mTCO₂e + 62 mTCO₂e = 188 mTCO₂e

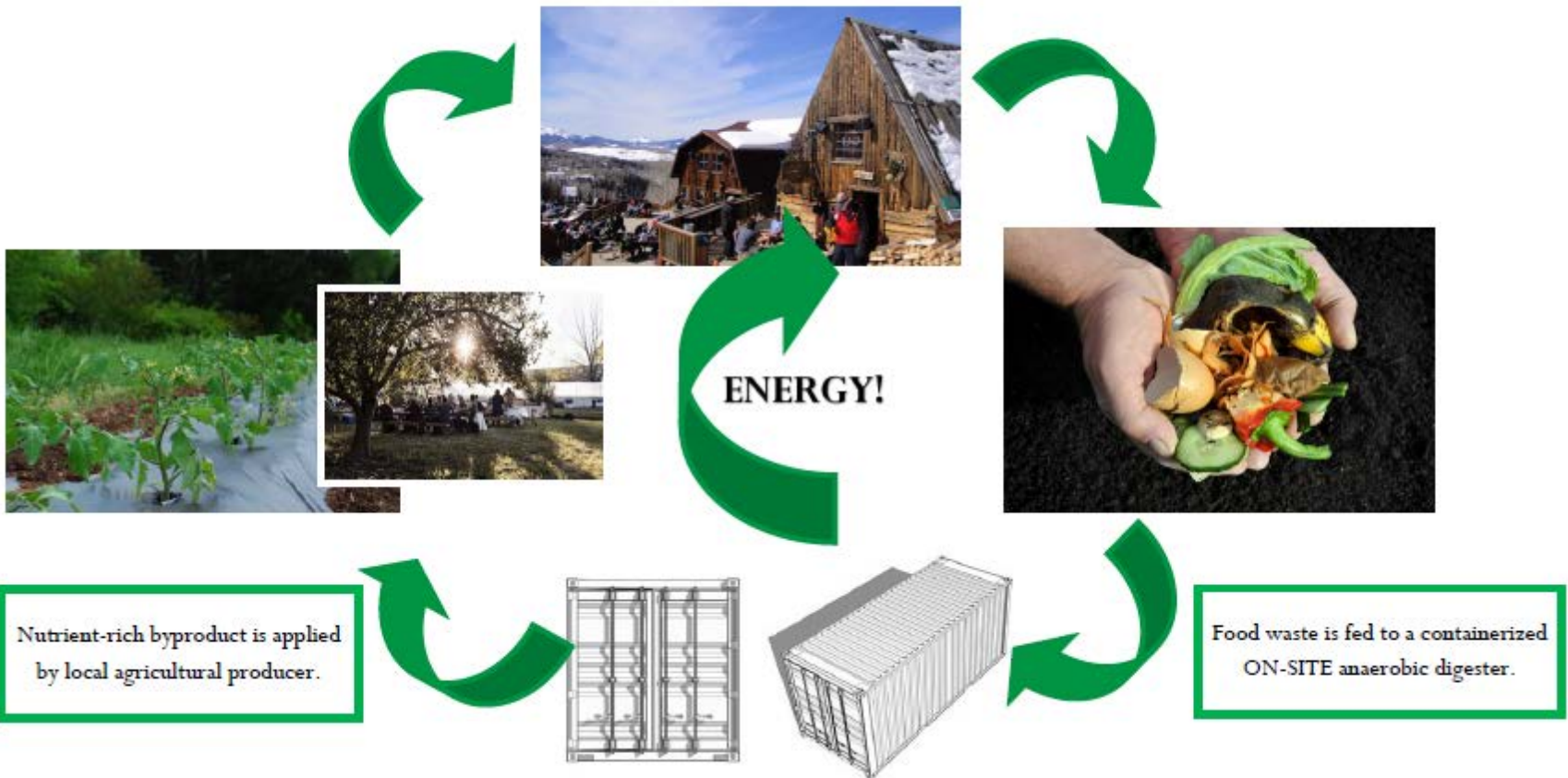
XL: 138.3 Tons diverted; 214 mTCO₂e + 105 mTCO₂e = 319 mTCO₂e

Waste to Energy Systems



Blue Terra

WASTE SOLUTIONS





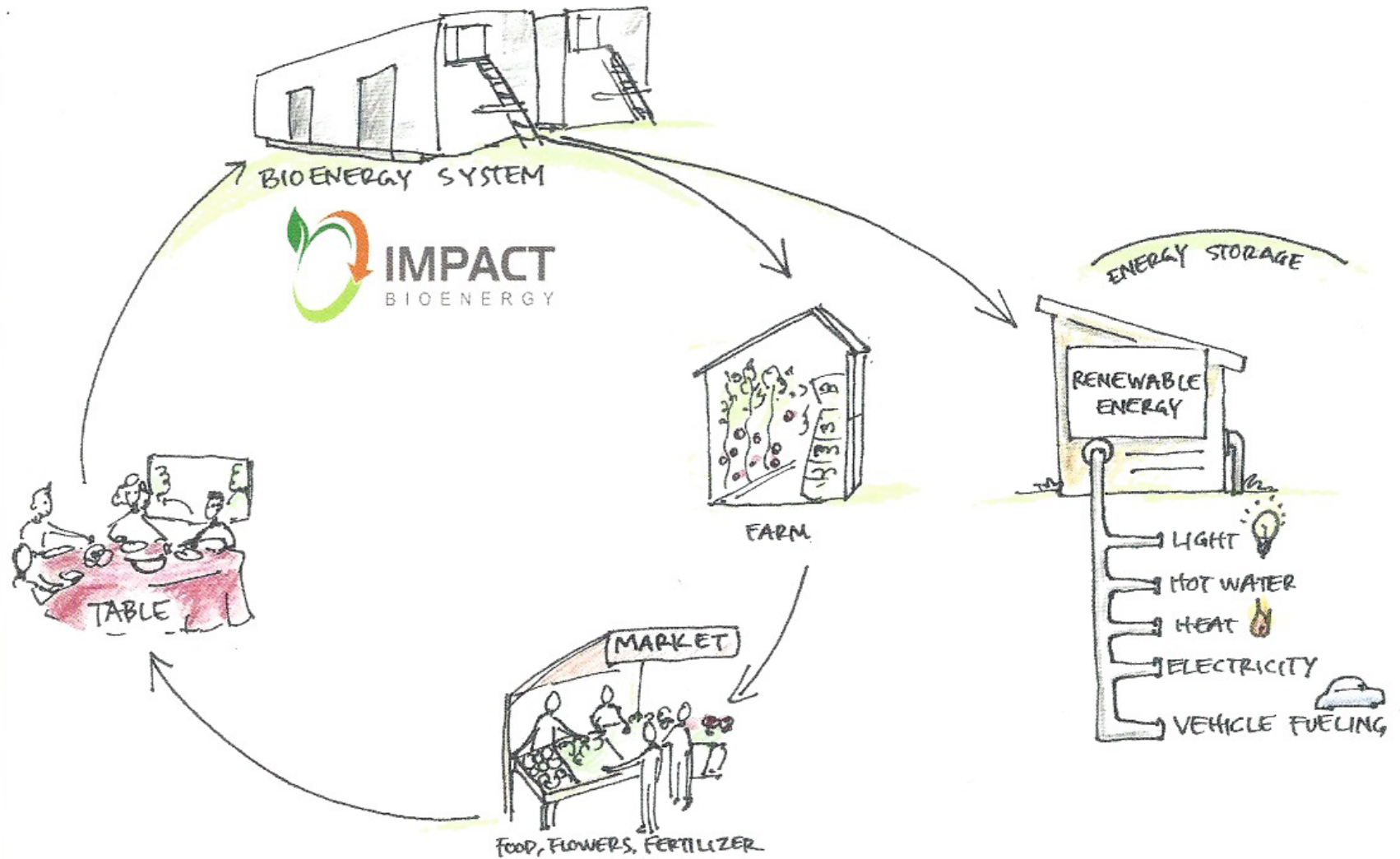
Concept:

- Regional food waste converted **on-site** into **renewable energy**; offset heat and electricity demand in the facility
- **Creates nutrient-rich byproduct**
- Saves hauling **costs & mitigate carbon emissions** from transport & **methane emissions** from organic decomposition at a landfill
- Branded to leverage regional commitment to innovation in Waste-to-Energy
- No other location in Colorado utilizing this technology
- Tangible public relations & education tool

Horse AD



Horse AD



Horse AD



SYSTEM DETAILS – BASE AD 25 MODULE

160 square feet ground space

**0.36MMBTU per day energy
output (360,000 BTU/day)**

4.0 kW per hour electric output

**175 cubic feet of gas storage
(optional expanded storage available)**

**135 lbs. per day input rate
(expanded up to 960 lbs. per
week)**

Horse AD



**Plus Heat & Electricity
created on-site to off-
set usage!**

Base Cost :
\$95K (plus freight)

Annual Diversion:
25 Tons

**Estimated Annual GHG
Reduced from Composting:**
39 mTCO₂e

**Estimated Annual GHG
Reduced from Trucking:**

19 mTCO₂e
Annual Total:
58 mTCO₂e

A close-up photograph of dark brown, rich soil with small rocks and organic matter scattered throughout. The lighting is somewhat dim, highlighting the texture of the earth.

Back to current status of Composting...

2017 RREO Implementation Grant submitted in March

- 4 locations: Telluride, Mountain Village, Ophir, Ridgway
- Multiple equipment types to analyze best models/practices
- \$121K request
- 68.4 tons compostables diverted annually

2017 RREO Implementation Grant - DENIED

- Cost per ton diverted too expensive
- Need more significant matching funds to decrease overall project cost
- Didn't follow the linear model normally funded: large scale hub & spoke
- Lower job creation

2017 RREO Mini Grant Opportunity Announced! (Oct)

- Up to \$25K
- Only Equipment and contract labor for educational materials supported
- No other costs could be included

TOWN OF OPHIR PILOT PROJECT

- Tight knit community
- Desire & Need due to cut off
- Group in place to operate "Ophir Self Reliance"
- Part of overall plan
- Arborist Services partnership

Equipment Chosen



2 Earth Cubes with additional insulation + freeze protection
Chosen for:

- Size (fit in existing trash structure)
- Estimated capacity for population of approx. 200
- Cost
- Total grant request:
- \$9,959
- Total project costs:
- \$12,830

PILOT PROJECT

- Ecoaction will share all education, signage and informational assets produced
- Track success & report on it



Christina Lambert

From: Marti Prohaska <martiniquedavis@gmail.com>
Sent: Monday, January 15, 2018 12:10 PM
To: Michelle Haynes; Christina Lambert; Bruce MacIntire; Kim Montgomery; Patrick Berry; garrett@tmvoa.org; jg@sunrisetelluride.com; jproteau@tellurideskiresort.com; savvylwagner@yahoo.com
Subject: FINAL RREO Mini-Grant Binder.pdf
Attachments: FINAL RREO Mini-Grant Binder.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Green Team

I am attaching the grant application for the community composting system EcoAction Partners is working on in Ophir; while this is not exactly what we have so far envisioned for VCA, I feel it would be beneficial for us to have an understanding of what they will have in the works, and we can hopefully learn something from what they've already done/researched.

See you soon

Marti



COLORADO

Department of Public Health & Environment

Dedicated to protecting and improving the health and environment of the people of Colorado

Funding Opportunity: Recycling Resources Economic Opportunity Program Mini-Grants for Equipment, Supplies, and Outreach Materials

Attachment A: Application Template

Application Due Date is 3:00 P.M. MDT, October 31, 2017

Organization: EcoAction Partners

Project Title: Town of Ophir Composting Project

Federal Tax Identification Number: 36-4601622

Federal DUNS Number: _____

Legal Tax Status (check one): For-Profit Nonprofit Govt. School/University

By signing and submitting this application, the applicant agrees to operate the program as described in the Application for Funding and in accordance with the grant terms and assurances. The applicant agrees that the information provided in this application is, to the best of the applicant's knowledge and based on reasonable inquiry, true, accurate, and complete. The applicant understands that knowingly submitting any false information on this application could result in the project not being considered for funding or voiding any current or future contracts with the Department of Public Health & Environment.

Printed Name of Authorized Official: HEATHER K. NOX

Signature of Authorized Official:
*Wet ink signature only! Typed names and
electronic signatures are not allowed.*

Title: Executive Director Date: 10/31/17



Project Director or Primary Contact:

Name: Heather Knox

Title: Executive Director

Address: PO Box 1625, Telluride, CO 81435

Phone: 970-728-1340 (office); 970-729-3362 (mobile)

Email: heather@ecoactionpartners.org

| | |
|---|-------------|
| Total Amount of Funds Requested: | \$9,959.49 |
| Total Matching and In-Kind Contributions: | \$2,870.80 |
| Total Project Cost: | \$12,830.29 |

Application Narrative

1. Summary

Describe the proposed project, indicating specifically how grant funds will be spent. Discuss the merits of the proposed project.

The purpose of the project is to implement a community-wide composting program in Ophir, CO. Grant funds will be used to purchase and install Two Earth Cubes (Green Mountain Technologies). These units have been chosen based on projected usage and on the space requirement to fit within the town’s existing secure trash enclosure. Additionally, funds will be used to purchase equipment required to mix the compost (cordless drill), and educational materials to educate the community on the “how-to” of composting, and the requirements for tracking data and keeping the system functional.

Implementing composting in Ophir will support the community’s goal of becoming more self-reliant - a pertinent community goal, considering Ophir has one road in/out. With the extreme climate that comes with being located at nearly 10,000’ in elevation, there is a very real potential of being cut-off from services due to road closures from mud slides and/or avalanches. Composting food waste would eliminate the need for trash pick-up of organic material, which is estimated to be 16.5 tons annually. Furthermore, it would put that material to beneficial use as compost for the community greenhouse and the potential to expand food cultivation.

Composting in Ophir will be a first step in the greater plan for a regional composting network in San Miguel and Ouray Counties. This program is a primary goal of the Sneffels Energy Board, a region-wide group coordinated by EcoAction Partners since 2009 working to achieve Greenhouse Gas (GHG) emission reduction goals established through a 3-year grant process from the previous Colorado Governor’s Energy Office. Results from the Ophir Composting Program will be shared broadly at a local, regional, state and national level, providing vital information on how to effectively and economically compost in small communities (especially at high altitude).

Background: Food waste makes up the largest percentage of any one material sent to landfills each year in the United States, totaling over 34 million tons in 2010. Once in landfills, food waste decomposes anaerobically to produce methane, an extremely potent greenhouse gas. In 2014, landfills emitted 148 million metric tons of methane into the atmosphere. Unfortunately, Ouray and San Miguel counties are currently a part of this serious problem. However, with funding from this CDPHE grant, they will become a part of the solution, paving the way for other small communities throughout Colorado to increase waste diversion and reduce both carbon and methane emissions.

There are no landfills or commercial composting centers in Ouray or San Miguel counties, an area of over 1,800 square miles with a population of 12,000+. All waste is hauled to one of two landfills in Montrose



County, each approximately 70 miles from the major producers. A waste audit completed in 2016 as a part of EAP's CDPHE 'Sneffels Waste Diversion Planning Project' grant found that 35-45% of the approximately 13,000 tons of trash generated in the two counties is compostable waste. The nearest composting facility is located 100 miles from Telluride, outside of Austin, CO.

Desire for increased waste diversion continues to grow in the region. However, it is not economical or environmentally-sound to haul all of the region's compostable materials this distance. Because the two counties are at high elevation with small, dispersed populations, little infrastructure or available land, and long, cold winters, constructing a large-scale commercial composting facility in San Miguel County is not feasible. One can see that the challenges to increasing local composting are substantial; yet the region's commitment to sustainability, sense of community, and willingness to undertake innovative ideas, provide the ideal conditions to begin developing several small and medium-scale composting centers. This approach replicates the principles of larger hub-and-spoke models seen in urban areas at a smaller scale that appropriately address the needs of rural communities.

Using a phased approach to increase composting allows for methods to be evaluated, determining best practices. Results of monitoring efforts will be used to inform expansion in this region as well as serve as a model for other small communities across Colorado.

2. Justification of Need

How does the proposed project address a specific recycling infrastructure, market, or educational need in Colorado or in the community where this project will be implemented? Provide information regarding specific socioeconomic and/or cultural factors in your community that further demonstrate a community-level need. Explain how this project will improve recycling access or expand recycling knowledge for underserved members of your community.

Established in 1881, the Town of Ophir is a small residential mountain community in San Miguel County in southwestern Colorado. The Town of Ophir sits at approximately 9,700 feet surrounded by 13,000 foot peaks. The Town has 76 homes with 191 residents, which include many children. Once a bustling mining town, Ophir is now a mid-income, working-family community filled with outdoor enthusiasts. This Home Rule Municipality is governed by a General Assembly.

The Ophir climate is dominated by the winter season, a very long, bitterly cold period with short, clear days, low humidity, and precipitation in the form of snow. Historic avalanche paths flank the neighborhood and delineate development.

There is a single road in and out of Ophir, which is maintained by San Miguel County. Because of its extreme location, this road is vulnerable to both mud slides and avalanches, both of which have historically closed the road for periods of time. In 2004, an avalanche closed the road and all access in and out of town for 4 long days. In early January of 2008, another avalanche covered the road with snow 18' deep, isolating residents for multiple days, again. Road closures continue to be a regular seasonal obstacle for the town.

The Ophir community is aware of its vulnerabilities. Because of this a group of citizens has formed the Ophir Self Reliance Committee with objectives of reducing the community's 3 main GHG emitters: food production and waste, energy use, and transportation. Additionally, the group is seeking advanced solutions to periods of time of potentially being cut off from electricity, access, and services. One of these services is waste and recycling pick-up. Finding an alternative for food waste, such as composting, would be helpful in significantly reducing waste to haul. Additionally, compost would be put to beneficial use in the Ophir community greenhouse and outdoor community gardens, augmenting the typically poor quality, rocky soil.

3. Feasibility

Does this project support an existing program or process, or does this project establish a new program or process? If this project will support an existing program or process, explain how the program or process has grown over time, how it operates today, and how this project will lead to new growth. If this project establishes a new program or process, explain how it will be sustained



In the long-term by describing in detail how this project is a key feature to making progress toward fulfilling the project's identified goals

This project establishes a new community-wide composting program for the Town of Ophir. Ophir's residents have expressed a desire to compost. However, the necessity of keeping trash and food waste secure and inaccessible to bears, has limited Ophir's ability to compost outdoors.

Ophir is a very tight-knit community. Everyone knows one another, and neighbors regularly connect to get outdoors together and socialize within their community. The community has limited cell phone and internet service so they rely heavily on old-fashioned methods of communicating with their neighbors. General Assembly (GA) meetings are generally well attended. The mayor and GA have adopted clear waste and GHG emission reduction goals for the government and Ophir community. Composting will help Ophir meet these waste & GHG reduction goals; it is also a key step for the Ophir Self Reliance Goals. If Ophir receives this grant there are numerous community members who will take roles in "owning it" to ensure success.

Ophir has a single centralized bear proof trash and recycling building for the entire town. The Green Mountain Earth Cubes will be installed in this structure. There will be informational signs reminding residents about the DO's and DON'Ts of Composting. Additionally, because it is such a tight-knit community, neighbors will hold one another accountable for using the system correctly. Positive peer pressure will be a strong force in ensuring success. This community is ripe for creating a "culture of composting".

Establishing composting in Ophir will be the first project in our overall regional plan for neighborhood composting. Despite challenges of the high-altitude, Ophir is an ideal pilot community because of the tight-knit nature and common values of the community. EcoAction Partners will support Ophir in learning the composting process. EcoAction will collect data and learn from this pilot program for future neighborhood composting as part of our overall goal to create a regional composting network.

4. Partnerships

Describe any public or private partnerships that have been developed in order to pursue this proposed grant project.

Public Partnership:

Ophir Town Government - EcoAction Partners has a strong working relationship with Ophir's Town Manager. While the system will rely primarily on key community members and each household being responsible with their organic waste diversion, some additional work to maintain the composting system will likely fall on the Town Manager. He is aware of and embraces this responsibility. Additionally, the Town of Ophir will have support from San Miguel County in this effort. Our local composting expert, Kris Holstrom, is a San Miguel County Commissioner and she will be available for questions and assistance.

Private Partnership:

Telluride Arborist Services - Owned and operated by an Ophir local, this business will provide the "bulking agent" for the compost in the form of wood chips, shavings, sawdust. This material will help eliminate system odors and create a quality finished compost product. The owner of this business is very supportive of implementing composting in Ophir.

5. Project Impact

- a. If this is an infrastructure project, estimate the number of tons of waste expected to be reduced annually by the proposed project.*
- b. Will the project create new jobs? If so, how many full time equivalent positions will be created? One full time equivalent position is equal to a 40 hour work week.*
- c. If this is an outreach project, estimate how many people in your community will benefit as a result of this project.*

- a. Each Earth Cube can process up to 50 pounds of food and yard waste per day. The two units will divert 100 pounds per day, which equates to an estimated 16.5 metric tons of organic waste diverted annually from the landfill. Using the EPA's Waste Reduction Model (WARM), the GHG emissions from this amount of non-meat food waste is estimated to be 25 mtCO_{2e}. Additionally, decreasing 16.5 metric tons of material that is currently hauled over 70 miles to the nearest landfill will reduce vehicle emissions from



trash trucks by an estimated 12 mtCO₂e annually. Thus, the total estimated GHG emissions annual reduction for this project is 37 tons.

Compost itself has many environmental benefits. It increases carbon sequestration in the soil (as opposed to decomposing food in landfills where nutrients never return to the soil). Once applied, compost improves the soil in many ways. It helps loosen the compaction of heavy soils and helps soils retain water, minimizing erosion and reducing the amount of irrigation needed for landscaping or crops. Composting also reduces the need for chemical fertilizers by adding nutrients to the soil.

- b. This project will require approximately 10-15 hours per week. In the future, the Ophir Self Reliance Committee is planning a relatively large-scale grow dome and system for food production and distribution that will utilize the compost. As part of this larger plan, the Reliance Committee envisions creating a full-time position, supported by dues, which will include management of the compost system.
- c. All 191 of the citizens of Ophir will benefit from this project. Additionally, as EcoAction Partners shares the news and success of the Ophir Composting Project, we will actively work to reach the full population of San Miguel and Ouray Counties, approximately 12,000 people. This will be the first project of the regional composting program, to demonstrate success of composting even in an extreme climate.

6. Previous RREO Grants

Discuss any previous RREO grants you have received. If you have recently received a RREO grant, how is the new project related to what was done in the past? Explain how this project is either a supplement to a previous project or if this project is linked to a new initiative or program.

- 2015: EcoAction Partners received the ‘Sneffels Waste Diversion Planning Project’, a grant to fund local waste audits and develop a ‘hub and spoke’ plan for our proposed regional composting program. This current grant follows the recommendations from the previous RREO Planning Grant for the Town of Ophir.

- 2008: The New Community Coalition, which later became EcoAction Partners, submitted and received an RREO public private-partnership grant with SUNRISE LLC, our local recycling plant. In 2011, SUNRISE LLC went bankrupt and was foreclosed; the equipment was seized by the bank as assets. Since then, EcoAction Partners has recovered one piece of the equipment, and we are working to get it operational again. This was terribly unfortunate, and it was a setback for waste reduction efforts in our region.

Work Plan

| | |
|---|--|
| Goal #1: Demonstrate the benefits and feasibility of communitywide composting in San Miguel County and the region. | |
| Objective #1: Support the Town of Ophir’s efforts to become more self-reliant by diverting organic waste to compost to be used for the benefit of the community (community gardens). | |
| Primary Activity #1 | Purchase and install composting units in the trash enclosure in Ophir, CO |
| Sub-Activities | <ol style="list-style-type: none"> 1. Purchase Earth Bin composting units for Ophir. 2. Install units in existing trash enclosure and hook up to utilities. 3. In addition to town staff, train key community members on how to use and maintain the composting equipment. 4. Establish a means for community members to track the weight/volume of organic matter they are depositing in the composting unit, in order to track total waste diversion weekly, monthly, annually. 5. Begin to use the units, monitor and gather data. 6. Transfer finished compost to the community gardens for use! |
| Primary Activity #2 | Introduce and educate the community on the process and required actions to ensure a successful composting program. |



| | | |
|---|---|------------------------|
| | | |
| Sub-Activities | <ol style="list-style-type: none"> 1. Create educational materials including door tags and laminated posters for the trash room to describe what materials are acceptable, and the system "how-to". 2. Introduce the composting program to the Ophir community at the Ophir General Assembly meeting. Develop teams of residents to help with certain duties. 3. Ophir has approx. 80 kids under age 12. A kids' composting group will be formed to educate, help at home, and assist with the system duties. 4. Provide educational support, outreach and information when challenges arise. | |
| Objective #2: Increase the knowledge base on composting in small communities, and at high altitude, through a completed report summarizing the challenges and successes of the Ophir composting project. | | |
| Primary Activity #1 | Through monitoring and data collected assess the effectiveness of the operation. | |
| Sub-Activities | <ol style="list-style-type: none"> 1. Collect data on composting usage (type and amount of feedstock, rotations/aerations needed, challenges encountered, amount of compost produced). 2. Input and analyze data. 3. Summarize lessons learned, including best practices. 4. Share summary findings with local communities statewide and the composting equipment company, Green Mountain Technology. | |
| Primary Activity #2 | Promote composting as a means of waste reduction and GHG emission reduction throughout the region. | |
| Sub-Activities | <ol style="list-style-type: none"> 1. Write an article for local newspapers announcing the CDPHE grant award. 2. Write an article on the composting operations (including photos) for Mountain Town Magazine and other publications. 3. Develop an electronic and print composting brochure. 4. Provide information to schools and governments on the importance of composting and recycling, and highlight the success of the Ophir Composting Project. 5. Promote CDPHE grant award and operation on the EcoAction Partners website and newsletters. 6. Report to San Miguel County to provide an update at the annual CO Assn. of Recycling meeting. | |
| Expected Results of Activity(s) | <ol style="list-style-type: none"> 1. Composting unit purchased, installed and operational in Ophir, CO. 2. Community actively participating in diverting their organic waste to create compost. 3. Diversion of 16.5 metric tons organic waste diverted per year from the local landfill. 4. Reduction of GHG emissions by 37 mtCO₂e annually. 5. Creation of 3.3 tons of compost for use in growing fresh community food. 7. Increased public awareness on composting and recycling; desire from other communities to create a neighborhood composting system. 8. Report summarizing findings from the monitoring efforts. | |
| Measurement of Expected Results | <ol style="list-style-type: none"> 1. Monthly data on organic material diverted. 2. Estimated GHG savings associated with diverting this waste. 3. Survey on the number of households participating. 4. Completed report summarizing the amount of organic material diverted, the amount of compost produced, and the amount of time required for composting in winter vs. summer, and any other important findings. | |
| | | Completion Date |
| Deliverables | Provide photographs of installed composting units. | February 15, 2018 |
| | Provide receipts of the equipment purchased. | February 15, 2018 |
| | Provide copies of outreach, educational and "how-to" materials. | March 30, 2018 |
| | Provide copies of press releases, and articles about the Ophir Composting Project, and the potential for other communities. | June 30, 2018 |
| | Submitted final report via email to CDPHE Program Administrator. | June 30, 2018 |



Budget Table

| | Requested Amount | Matching/ In Kind Amount | Total Amount |
|--|-------------------|--------------------------|--------------------|
| Supplies/Equipment | | | |
| Green Mountain: Delivery of 2 Earth Cube Composting units w insulation, freeze protection & freight. | \$8,478.00 | | \$8,478.00 |
| Home Depot: Drill, buckets, supplies | \$149.00 | \$1,270.80 | \$1,419.80 |
| Sub-Total | \$8,627.00 | \$1,270.80 | \$9,897.80 |
| Contractual | | | |
| Scotts Printing: Design & materials | \$432.49 | | \$432.49 |
| Arborist Services: wood chips, labor for material collection and stocking | | \$700.00 | \$700.00 |
| Sub-Total | \$432.49 | \$700.00 | \$1,132.49 |
| Indirect Costs | \$900.00 | \$900.00 | \$1,800.00 |
| Total Project Cost | \$9,959.49 | \$2,870.80 | \$12,830.29 |

Budget Narrative

Supplies/Equipment:

- Green Mountain Technologies: EcoAction Partners will purchase 2 Earth Bin composting units; all costs have been confirmed and units are in stock and available for shipment; freight is included in the estimate.
- Home Depot: In order to keep the compost aerated and mixed properly, a cordless drill is necessary. Additionally, buckets and lids are needed for the citizens in collecting and transporting their compost. These will be purchased/ provided by each family. Additionally 50 buckets will be donated by a SMC commissioner.

Contractual:

- Scott's Printing: Design and printing of educational materials including an informational door tag, laminated posters and informational signs, volume logs so participants will track quantity of organic material diverted and other design and printing to support the program. The town of Ophir will provide additional outreach and education to citizens through community meetings, announcements, and trainings on how to properly use the composting equipment.
- Utilities (Electricity): the Town of Ophir has a net-metered solar array that supports Ophir's maintenance buildings and town hall. It is estimated that the electricity for the heat/freeze protection of these units may not be completely covered by the existing system. Once the composting system is functional it will be determined if Ophir needs to purchase any additional solar panels to off-set their government usage.

In-Direct Costs:

In-direct costs will remain below 10% to include grant management and oversight, purchasing, data collection, monitoring, producing informational articles and reports.

ATTACHMENT 4

APPLICATION
PRE-AWARD RISK ASSESSMENT QUESTIONS
(For use with subrecipient/recipients only)

Local Public Health Departments do not need to complete this form since their risk is determined by the Financial Risk Management System (FRMS).

This form should be completed by the person with the most knowledge of the accounting system.

Any questions that remain unanswered including explanations, or the answer does not address the question asked will be assessed the highest risk rating for that question.

Name of organization: Eco Action Partners

Name and title of person completing this form: Heather Knox, Executive Director

Amount of funding requested on this application: \$9,959.49

****If you have completed this form in the past twelve months, please submit your completed form with any updated information****

- 1) Please provide the total annual operating budget for your entity. \$193,505
- 2) Please provide the total number of grants you receive in your current fiscal year? (State, Federal, Private) 10

Programmatic Performance

- 3) Total dollar amount of CDPHE only grants that you receive in the current fiscal year? 0
- 4) Has your organization administered programs similar to your current grant proposal? yes If so, please list and explain. EcoAction Partners successfully completed our 2015 Sneffels Waste Diversion Planning Project.
- 5) How many years has your organization been in existence? 10
- 6) How many total FTE are there in your organization? 1.75
- 7) Have you previously met all deliverables of your grants on time and as described in your statement of work? yes If not, please explain why you would be unable to meet the deliverables. _____
- 8) Are you serving as a fiscal agent for another agency that will complete the actual work on the grant? Yes No
- 9) Are you sub-awarding any portion of this contract to complete your deliverables? Yes No
- 10) Has your organization had any significant changes in key personnel or accounting systems in the last year? (e.g. Controller, Executive Director, Accounting Manager, Program Manager, etc.) no

Fiscal System

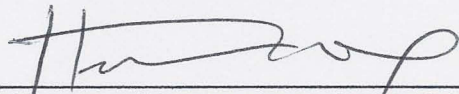
- 11) How many total FTE perform accounting functions within your organization? .25
- 12) When is your organization's fiscal year end? December 31
- 13) Does your organization receive an audit under the Single Audit Act/Uniform Administrative Requirements, 2 CFR 200, subpart F (Government Auditing Standards) Yes No
If yes, please provide a copy (electronic preferred) of your most recent audit report.
- 14) Does your organization receive an annual financial statement audit under Generally Accepted Auditing Standards (GAAS) Yes No
If yes, please provide a copy (electronic preferred) of your most recent audit report.
- 15) Are your accounting records kept in accordance with GAAP? Yes No
- 16) Does your accounting system allow you to segregate all assets, liabilities, revenue and expenditures by funding source, and the ability to produce a self-balancing report by each fund? Yes No
Please explain how you intend to account for all costs and revenues associated with each funding source Class Tracking for all income and expenses, identified by employees, entered into accounting records
- 17) Are accounting records supported by source documentation? If so, please provide examples of source documentation that is maintained and retained? All receipts, bills and income paperwork is marked for source, and retained in annual files.
- 18) Do you have a cost allocation plan that spreads all common costs, such as phone, rent, utilities, etc. among all funding sources? Yes No
Please explain how you allocate your common costs. Employee time is tracked by funding source and all common costs are spread by class based on the annual analysis of all time worked.
- 19) Does your agency have a review process for all expenditures that will provide a certainty that all costs are reasonable, allowable and allocated correctly to each funding source? Yes No
Please explain your current process for reviewing costs. Profit & Loss report is reviewed by the ED and the finance committee monthly.
- 20) Does your agency have internal controls in place to ensure that the accounting records are free from material misstatements? Yes No.
Please describe your organization's overall internal fiscal controls and structure All income & expenses are identified by funding source by employees, entered into accounting records by bookkeeper, reviewed by finance committee monthly, and reviewed by external accountant annually.
- 21) This contract will be a cost reimbursement basis. Does your agency have an adequate cash flow that will enable you to manage your finances between the time costs are incurred and reimbursed? Yes No
Please explain how you intend to cover costs prior to requesting the reimbursement. EcoAction Partners has sufficient funding in reserves to allow us to stagger equipment purchases.
- 22) Does your entity have a time and effort reporting system in place to account for 100% of all employees time with a breakdown of the actual time spent on each funding project? Yes No

Please explain how you intend to document actual hours worked for each employee, by each funding source. Each employee fills out a timesheet which records all hours worked by project.

- 23) Does your organization have employee fidelity bond/insurance coverage for all its employees that handle cash? Yes No If so, what is the coverage amount? _____
- 24) Does your organization have an active oversight committee/board and are they provided financial reports and information on a regular basis? Yes No

** Please retain this completed form in your records for any additional funding applications within a twelve month period**

Please Sign and Date Below:



Executive Director (or authorized deligee)
Signature

2-23-2017

Date



Financial Director Signature

2/23/2017

Date

OFFICE OF THE SECRETARY OF STATE
OF THE STATE OF COLORADO

CERTIFICATE OF FACT OF GOOD STANDING

I, Wayne W. Williams, as the Secretary of State of the State of Colorado, hereby certify that, according to the records of this office,

EcoAction Partners

is a

Nonprofit Corporation

formed or registered on 02/01/2007 under the law of Colorado, has complied with all applicable requirements of this office, and is in good standing with this office. This entity has been assigned entity identification number 20071057248 .

This certificate reflects facts established or disclosed by documents delivered to this office on paper through 02/27/2017 that have been posted, and by documents delivered to this office electronically through 02/28/2017 @ 10:16:04 .

I have affixed hereto the Great Seal of the State of Colorado and duly generated, executed, and issued this official certificate at Denver, Colorado on 02/28/2017 @ 10:16:04 in accordance with applicable law. This certificate is assigned Confirmation Number 10102208 .



A handwritten signature in blue ink that reads "Wayne W. Williams".

Secretary of State of the State of Colorado

*****End of Certificate*****

Notice: A certificate issued electronically from the Colorado Secretary of State's Web site is fully and immediately valid and effective. However, as an option, the issuance and validity of a certificate obtained electronically may be established by visiting the Validate a Certificate page of the Secretary of State's Web site, <http://www.sos.state.co.us/biz/CertificateSearchCriteria.do> entering the certificate's confirmation number displayed on the certificate, and following the instructions displayed. Confirming the issuance of a certificate is merely optional and is not necessary to the valid and effective issuance of a certificate. For more information, visit our Web site, <http://www.sos.state.co.us/> click "Businesses, trademarks, trade names" and select "Frequently Asked Questions."

Green Mountain Technologies, Inc.

5350 McDonald Ave
Bainbridge Island, WA 98110

Quote

| | |
|------------|---------|
| Date | Quote # |
| 10/26/2017 | 898 |

| | |
|---|------------|
| Name / Address | |
| EcoAction Partners 36 Porphyry St Ophir, CO 81426 | |
| Main Phone | Main Email |
| | |

| | |
|---|-----|
| Ship To | |
| EcoAction Partners 36 Porphyry St Ophir, CO 81426 | |
| Terms | Rep |
| | VC |

| Description | Qty | Cost | Total | | | | | | |
|---|--------------|------------------------------|-----------|-------|--------|--------------|--------------|------------------------------|---------------------------------------|
| Earth Cube Composting System 48"L x 40"W x 45"H 1.4 Yard capacity Includes temperature probe and mixing auger | 2 | 2,995.00 | 5,990.00T | | | | | | |
| Earth Cube Plug-In Aeration System, Includes blower and timer, optional Requires access to 110V power | 2 | 365.00 | 730.00T | | | | | | |
| Earth Cube Freeze Protection | 2 | 99.00 | 198.00T | | | | | | |
| Earth Cube Additional Insulation Package | 2 | 295.00 | 590.00T | | | | | | |
| Customer Freight, Shipping & Handling Freight prices are subject to change | 1 | 970.00 | 970.00T | | | | | | |
| Current Lead time is 6-8 weeks Quote is valid for 30 days Terms and conditions are attached | | | | | | | | | |
| Out-of-state sale, exempt from sales tax | | 0.00% | 0.00 | | | | | | |
| <table border="1"> <tr> <td>Phone #</td> <td>Fax #</td> <td>E-mail</td> </tr> <tr> <td>802.368.7291</td> <td>802.368.7313</td> <td>pam@compostingtechnology.com</td> </tr> </table> | | | Phone # | Fax # | E-mail | 802.368.7291 | 802.368.7313 | pam@compostingtechnology.com | Total \$8,478.00 |
| Phone # | Fax # | E-mail | | | | | | | |
| 802.368.7291 | 802.368.7313 | pam@compostingtechnology.com | | | | | | | |



315 S. 12th
 Montrose, CO 81401
 970-249-2611
 fax 970-249-7068

Estimate

No. **E#51339**

Date 10/27/17

Customer P.O. No.

HEATHER
 ECO ACTION PARTNERS
 P.O. BOX 1625
 TELLURIDE CO 81435
 Phone: 729-3362
 E-mail: heather@ecoactionpartners.org

| QUANTITY | DESCRIPTION | AMOUNT |
|--|--|-------------------------|
| 75 | DOOR HANGERS, 4.25 x 11 WHITE 100# ENDURANCE DIGITAL GLOSS COVER, Digital on 2 sides 75 DOOR HANGER DIE CUT | 78.16 |
| 5 | POSTERS - 11X17 LAMINATED, 17 x 11 PHOTO WHITE 80# COLOR COPY COVER, Digital on 1 side | 23.75 |
| 10 | INFORMATION SHEETS - 8.5 X 11 LAMINATED - 2-SIDED, 8.5 x 11 PHOTO WHITE 80# COLOR COPY COVER, Digital on 2 sides | 30.20 |
| 4 | LABELS - 4.25 X 11, 4.25 x 11 WHITE 60# SHOWCASE HIGH GLOSS LABEL, Digital on 1 side | 6.38 |
| 6:00 | LAYOUT - \$59.00 / HOUR - ESTIMATING 6 HOURS | 353.60 |
| <p>HERE IS THE ESTIMATE YOU REQUESTED. TO PLACE YOUR ORDER, CIRCLE THE QUANTITY DESIRED, SIGN BELOW AND FAX OR BRING THIS FORM TO US. UNLESS INDICATED THIS ESTIMATE ASSUMES THAT YOU WILL BE PROVIDING CAMERA READY ARTWORK ON DISK OR BY ELECTRONIC TRANSFER. ANY QUESTIONS PLEASE GIVE US A CALL.</p> <p>THANK YOU!</p> <p>X _____ (SIGNING HERE GIVES US YOUR AUTHORIZATION TO PROCEED WITH THIS ORDER)</p> | | |
| <p>Taken by: SHELLY This estimate is good for 30 days. Please call us if you have any questions.</p> <p>Thank you!</p> | | <p>Wanted: Fri 11/3</p> |



To See Inventory
Choose A Store

FREE IN-STORE PICK UP Over A Million Online Items Eligible

 Error! There are not enough items available to meet your order. Please reduce the number of items you are requesting.

Shopping Cart

FREE Shipping on eligible items. [See Details](#)

Checkout Now

— or —
Check out with



Live Chat

Feedback

| Item | How To Get It | Unit Price | Qty | Item Total |
|------|---------------|------------|-----|------------|
|------|---------------|------------|-----|------------|

Questions? We can help

See our [online FAQs](#) or phone us:

Online Customer Support:

1-800-430-3376

Custom Blinds:

1-800-921-2119

Major Appliances:

1-877-946-9843

Call 7 days a week - 6 a.m. to 2 a.m. EST

| | |
|--------------------------------------|------------|
| Subtotal | \$1,409.80 |
| Discount | -\$97.49 |
| Estimated Shipping* | \$97.49 |
| Sales Tax (determined in later step) | --- |

| | |
|--------------|-----------------------------|
| Total | \$1,409⁸⁰ |
|--------------|-----------------------------|

[Have a promo code?](#)

*
Shipping
and
delivery
charges
are
calculated
at
the
lowest
rate
available.
Other
methods
will
be
viewable
on
the
next
page.

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Leaktite 5-Gal. White Bucket (10 Pack)

Model #05GL010

Ship to Home FREE
Order within **8 hrs 38 mins** get it by
Nov. 03

\$39.00

\$468.00

Ship To Store

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Free Shipping on Most Orders See Details



DEWALT 20-Volt MAX Lithium-Ion Cordless Brushless Compact Drill Driver with (2)

Model #DCD777C2

Ship to Home FREE
Order within **8 hrs 38 mins** get it by
Nov. 03

\$149.00

\$149.00

Ship To Store

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Include a 2-year Home Depot Protection Plan for \$18.00 /each
If we can't repair it, we'll replace it! [Learn More](#)

Add Plan

Please reduce the quantity of this item.



Leaktite 5-Gal. Pail Black Screw Top Lid (6-Pack)

Model #210631

Ship to Home FREE
Estimated Arrival:
Nov. 06

\$39.64

\$792.80

Ship To Store

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Free Shipping on Most Orders See Details

Questions? We can help

See our online FAQs or phone us:

Online Customer Support:
1-800-430-3376

Custom Blinds
1-800-921-2119

Major Appliances

| | |
|--------------------------------------|-----------------------------|
| Subtotal | \$1,409.80 |
| Discount | -\$97.49 |
| Estimated Shipping* | \$97.49 |
| Sales Tax (determined in later step) | --- |
| Total | \$1,409⁸⁰ |

Christina Lambert

From: Christina Lambert
Sent: Tuesday, January 23, 2018 9:42 AM
To: Bruce MacIntire (bmacintire@mtnvillage.org); Garrett Brafford; Jeff Proteau; Jonathan Greenspan; Kim Montgomery (KMontgomery@mtnvillage.org); Marti Prohaska; Michelle Haynes (MHaynes@mtnvillage.org); Patrick Berry (pberry@mtnvillage.org); Savanna Wagner
Subject: Information from Jonathan Greenspan

Hi everyone,

Jonathan is currently at the US Compost Conference in Atlanta and he would like all of us to view the attached link when you have time. Please reach out to Jonathan if you have questions.

<https://kisstheground.com/thecompoststory>

Thank you!

Christina

Christina Lambert
Administrative Services Coordinator

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