

**CARBONDALE ENVIRONMENTAL BOARD  
REGULAR MEETING  
October 22, 2018**

**CARBONDALE TOWN HALL  
511 COLORADO AVENUE  
6:00 P.M.**

<b>TIME*</b>		<b>ITEM</b>	<b>DESIRED OUTCOME</b>
6:00	1.	Roll Call	
6:01	2.	<u>Consent Agenda:</u> Approval of September 2018 Minutes	ATTACHMENT A
6:02	3.	Persons Present Not on the Agenda	
6:03	4.	Clean Energy Building Training for Contractors in Carbondale	ATTACHMENT B ACTION REQUESTED
6:45	5.	Plastic Reduction Campaign for Carbondale	Discussion
7:10	6.	Valley-wide E-board Summit	Discussion
7:25	7.	Waste Wizard	ATTACHMENT C Discussion
7:45	8.	Update on Carbondale Water Resilience Planning – Vulnerability, Consequences, and Adaptation Planning	Discussion
7:50	9.	Adjourn	

**\* Please note: times are approximate**

**MINUTES  
ENVIRONMENTAL BOARD  
September 24, 2018**

**CALL TO ORDER**

Colin Quinn called the meeting to order at 6:00 pm on September 24, 2018 in the Town Hall meeting room.

**ROLL CALL**

The following members were present for roll call:

E-board Members:        Colin Quinn, Chairperson  
                                 Patrick Hunter, Member  
                                 Sandy Marlin, Member  
                                 Garrett Fitzgerald, Member  
                                 Joseph Demoor, Member  
                                 Scott Mills, Member  
                                 Jim K, Member

Town Staff Present:     Angie Sprang, Board Administrator  
                                 Mark O'Meara, Town Liaison  
                                 Heather Henry, Trustee Liaison

**PERSONS PRESENT NOT ON THE AGENDA**

Scott reported that he'll be doing building licensure training in a few different locations around the US.

Heather informed the board that the waste hauling ordinance will be moving forward to promote a cost savings for citizens.

**CONSENT AGENDA**

***Motion Passed:*** Colin ***moved*** to approve E-board meeting minutes from August 2018 with noted edits. Sandy ***seconded*** the motion, and it was ***unanimously approved***.

**WATER RESTRICTIONS**

Mark provided an overview of local water rights and water restriction education. Discussion ensued. This item was reserved for further discussion at another meeting.

**WASTE DIVERSION DAY**

Sandy spoke with Public Works about organizing waste diversion day. Public Works does Hazardous Waste Day and is interested in looking at how waste diversion can be incorporated into the waste hauler ordinance and hazardous waste day to reduce costs of waste diversion for citizens.

The Eboard voted 6 in favor and 1 not in favor of the following items: The Eboard will be a secondary player on waste diversion day initiatives going forward. The Eboard is in support of the Town taking the lead in Waste Diversion Day with input from the Eboard. The Eboard will be happy to volunteer with the Town doing the logistics.

The Eboard waste sub-committee will work with CORE to update the Roaring Fork Recycling Guide.

### **VALLEY WIDE EBOARD MEETING REQUEST FOR FUNDING**

Sarah informed the board that they are still working to secure a location, a preliminary agenda is in the works, and CORE is requesting funding from the Eboards to support the event. Sarah will contact the Library to inquire about use of their public use room for the event. Traffic counters were \$2,500. This year the Eboard has \$2,000 left in their discretionary account for 2018. The Eboard requested \$1,500 for Dandelion Day planning, and are waiting to hear from the BOT. A budget for the event will be presented at a future date for discussion.

### **UPDATES & IDEAS**

**TRAFFIC COUNTERS:** The first traffic counters went out on the street last week. The data will be publicly available and will be tied in with GarCo & State data.

**APARTMENT RECYCLING PROGRAM:** Patrick provided a photo of the apartments behind the Crystal River Spas business to illustrate need for a recycling program w/an education outreach program. Grant funds could be used to purchase recycling services for the complex as a pilot program. The grant application deadline is 10-22-18 at 4pm. All Eboard members are in support of applying for the grant application, and Patrick will work on the application, Jim will research other locations around Town where the service may be provided.

**GREEN BUSINESS PROMOTION:** The Eboard could seek out local businesses and deliver awards "Tip of the Green Cap" notable environmentally friendly and commendable actions of local businesses. The "Tip of the Green Cap" could be a monthly newspaper ad. This item was reserved for discussion at a later meeting.

### **LOW EMISSION BUILDING TRAINING**

Scott informed the commission that the first class is Wednesday at 9AM in Basalt Town Hall. Sarah informed the commission that Scott spoke in Eagle County recently at a building emissions training.

### **ADJOURNMENT**

The August 27, 2018, regular meeting adjourned at 8:05 p.m. The next regular meeting is scheduled on September 24, 2018 at 6:00 pm.

Respectfully submitted,  
Angie Sprang  
Board & Commissions Clerk

## **Energy Efficient Building Program for Carbondale An Alternate Path to ZERO**

Small towns do not have the infrastructure (staff or funding) to implement a strong energy efficient building program.

- The latest building codes call for higher levels of efficiency of buildings and homes.
- Most builders and contractors are unwilling to embrace these new codes due to a lack of knowledge
- How to let potential buyers know about their energy upgrades.

The DOE Zero Energy Ready program used as an alternative path to a certificate of occupancy is a powerful low cost, self-sustaining program that speaks to these problems. To start, each town will join the DOE to have a net-zero building code by 2030.

The following low-cost tools will be used without having to develop costly new programs and staff

- Accept new building (residential and commercial) codes to be net-zero by 2030 through progressive code changes. No cost.
- Educate and promote teams of architects and builders to join the DOE Zero Energy Ready program.
- Through a low cost 2-hr course, to able to work with HERS auditors on high performance building practices. Paid for by the town.
- Add HERS score to verify efficiencies of building before being built. Builders will cover cost.
- Marketing through the Multiple Listing Service for builders and homeowners to have their HERS rating in the MLS, this will identify the most energy efficient homes. Inclusion in MLS at no cost.

### **Benefits**

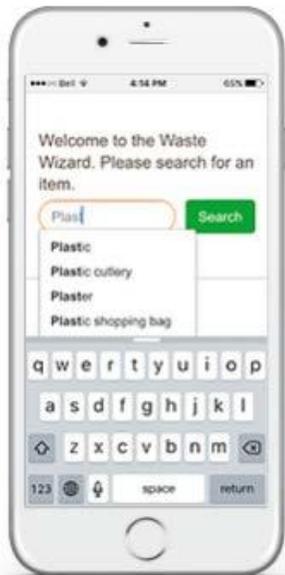
This program will produce jobs that cannot be outsourced, local economic growth, increased property values and tax revenue, lower home operating costs and meaningful reductions of emissions and energy consumption.

For a 5 min. Power Point presentation  
Contact: [Scott@aboutsavingheat.com](mailto:Scott@aboutsavingheat.com), (970) 456-8099

## Waste Wizard Overview

A Recollect product: <https://recollect.net/solutions/waste/>

The Waste Wizard is a web and mobile app to make waste diversion easier:



## Waste Wizard

From aluminum cans to ziplock bags, ReCollect's Waste Wizard helps your residents figure out what goes in what bin.

As the resident begins to type their material, the Waste Wizard will "predict" the entry, offering residents helpful suggestions.

See it live on High Country Conservation Center (HC3) website:

<https://www.highcountryconservation.org/recycling-resources/>.

Also used by [Walking Mountains Science Center](#) (for Eagle County communities), in Denver and a number of other communities.

Paul at Walking Mountains Science Center (WMSC) is part of the team leading the development in Eagle County. Here are some takeaways from our conversation:

- You can choose to have just the web-based widget (like HC3) or the web-based widget and a mobile app for download (WMSC is pursuing this)
- You pay for the technology and update the database to be relevant for your community
- It's really replicable and has a user-friendly setup; relatively cost-effective for an app (about \$4k annually for the population-based fee)
- Data and reporting -- can better understand how people use it, what they search for, the frequency they use it, etc.

Contacts: Paul Ablang, Marketing & Communication Director, Walking Mountains Science Center, [970.688.4250](tel:970.688.4250), [paul@walkingmountains.org](mailto:paul@walkingmountains.org)