**AGENDA**
**CARBONDALE BOARD OF TRUSTEES**
**WORK SESSION**
**CARBONDALE TOWN HALL**
**JUNE 18, 2019**
**6:00 P.M.**

**DINNER WILL BE PROVIDED**

<table>
<thead>
<tr>
<th>TIME*</th>
<th>ITEM</th>
<th>DESIRED OUTCOME</th>
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</table>
| 6:00  | 1. Joint Meeting with Garfield County Commissioners  
1. Next Steps on Housing  
2. Update on Red Hill Engineering  
3. General Discussion | Discussion |
| 7:30  | 2. VCAPS Discussion | ATTACHMENT A Discussion |
| 9:00  | 3. Adjourn | |

* Please Note Times Are Approximate
TOWN OF CARBONDALE
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BOARD OF TRUSTEES AGENDA MEMORANDUM

TITLE: VCAPS Update & Next Steps Discussion

SUBMITTING DEPARTMENT: Administration

ATTACHMENTS: (A) Carbondale Centered Drought Planning & Adaptation Public Meeting Presentations
(B) VCAPS Action Chart

BACKGROUND

On September 26 & 27, 2018, Carbondale participated in a Vulnerability, Consequences, Adaptation, Planning Scenarios (VCAPS) pilot program workshop. Carbondale was chosen along with 4 other western communities to participate in the pilot program workshop. The workshop facilitated a discussion around the consequences and impacts of drought, which resulted in a list of potential public and private actions to mitigate those impacts.

During January 2019, Carbondale received the final VCAPS Workshop Report; since, the Town conducted an internal gap analysis of 2019 VCAPS related actions and engaged local non-profits and stakeholders.

On April 2, 2019 a public meeting was held in the Third Street Center – Gym, 38 people from the community attended the meeting. During the meeting a representative from WWA presented information about Local Weather & Climate Impacts: Recent Trends and Future Projections for the Roaring Fork Valley. Then, Trustees and Town Staff shared information about Carbondale’s VCAPS Workshop Results, and provided a Summary of Town Projects geared toward VCAPS actions during the 2019 fiscal year. The public meeting agenda and presentations are available online by clicking this link. The public can access regularly updated VCAPS information in the news section of the Town’s homepage.

On April 16, 2019 the Trustees discussed next steps at a work session. The item was reserved for further discussion. In the interim the Board agreed they would each take some time to identify their top priorities on the VCAPS action list for further discussion at the June work session. Attached is page 2 and 3 of the the minutes from April 16 for Trustee review.
DISCUSSION

In attachment B, you’ll find the VCAPS action chart for discussion.

Thank you for the opportunity to work on this project.

Prepared by: Angie Sprang

____________________________________
Town Manager
### Possible Actions Identified at the Workshop*

<table>
<thead>
<tr>
<th>Topic</th>
<th>Possible Actions</th>
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<tbody>
<tr>
<td><strong>Reduce Water Use</strong></td>
<td>- Reusing wash water, greywater, and rainwater for irrigation or adding an underground tank to capture rainwater for irrigation, making sure to consider legal and regulatory impacts.  - Promote proper irrigation techniques and educate the community about the benefits of efficient irrigation systems.  - Promote the installation of low-flow faucets and showerheads in homes, schools, and businesses.  - Implement water-efficient landscaping practices, such as planting drought-resistant native plants and using mulch to reduce water use.  - Promote the installation of smart irrigation systems that adjust watering schedules based on weather conditions.  - Implement water-efficient fixtures in public restrooms and commercial buildings.</td>
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<td><strong>Increase Water Storage</strong></td>
<td>- Construct new dams and reservoirs to store additional water.  - Expand existing water storage facilities, such as the Roaring Fork Reservoir.  - Implement innovative technologies, such as aquifer recharge and water recycling systems.</td>
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<td><strong>Improve Water Quality</strong></td>
<td>- Create a press release from the town about the workshop*.  - Share what was discussed during the VCAPS workshop*.  - Increase communication and dialogue with citizen about water cutbacks.  - Include an insert on conservation in the water bill to educate the public about water conservation strategies.  - Tell stories about drought resiliency and how the town is adapting to changing conditions.  - Promote water conservation campaigns, such as the one created by the Crystal River Alliance.</td>
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<td><strong>Promote Water Conservation</strong></td>
<td>- Create a campaign that promotes xeriscaping and water-efficient landscaping practices.  - Promote the installation of drought-resistant plants and landscape features, such as rocks and gravel.  - Promote the use of native plants and shrubs that are adapted to the local climate.  - Promote the installation of water-efficient irrigation systems and fixtures in homes, businesses, and public spaces.</td>
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<td><strong>Energy Efficiency</strong></td>
<td>- Review turf management policies with drought resilience*.  - Increase conservation easements (AVLT) to reduce the amount of land available for development.  - Explore possibilities in which big ranches might allow local farmers to use water from the Crystal River.  - Increase energy efficiency in municipal buildings, such as city halls and public facilities.  - Promote the use of blackout windows in new construction to reduce cooling costs.  - Promote the installation of high-efficiency lighting and appliances in homes and businesses.</td>
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<td><strong>Economic Development</strong></td>
<td>- Create a ballot tax for raising funds for fire fighting and other community needs.  - Implement a caps and trade program to reduce emissions.  - Implement a cap on drought-related water use to help control water costs.  - Implement a cap on drought-related water use to help control water costs.</td>
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*Adapted from the workshop proceedings and the workshop summary report.