

**CARBONDALE PARKS & RECREATION COMMISSION
REGULAR MEETING**

WEDNESDAY, January 13, 2021 7:00 P.M.

Virtual Meeting Zoom Platform

ATTENTION: Due to the continuing threat of the spread of the COVID-19 Virus, all regular Carbondale Advisory Boards and Commission meetings will be conducted virtually. If you have a comment concerning one or more of the Agenda items please email kmcdonald@carbondaleco.net a by 6:00 pm on January 13, 2021.

If you would like to comment during the meeting please email kmcdonald@carbondaleco.net with your full name and address by 6:00 p.m. on January 13, 2021. You will receive instructions on joining the meeting on-line prior to 7:00 p.m. Also, you may contact kmcdonald@carbondaleco.net to get a phone number to listen to the meeting, however, you will be unable to make comments.

<u>TIME*</u>			<u>ITEM</u>	<u>DESIRED OUTCOME</u>
7:00		1.	Roll Call	
7:05		2.	Approval of December 9, 2020 Minutes	INFORMATIONAL
7:07		3.	Items from Citizens Present Not on the Agenda	INFORMATIONAL
7:10		4.	2021 Integrated Weed Management Plan	INFORMATION DISCUSSION DECISION (Attachment A)
7:55		5.	Aquatics Facility Master Plan & Next Steps https://designworkshop.box.com/s/omxr7jc9g7sa4vzejerorvadqgwp8lbe	INFORMATION DISCUSSION (Attachment B)
8:10		6.	Special Events Task Force 2021 Calendar of Events	INFORMATION (Attachment C)
8:15		7.	P & R Commission 2021 Master Calendar Draft	INFORMATION DISCUSSION (Attachment D)
8:25		8.	Update Highlighted Parks, Recreation and Trails Master Plan https://www.carbondalerec.com/rec-misc/master-plans/	INFORMATION (Attachment E)

8:40		9.	Report & Updates: Staff & Commission <ul style="list-style-type: none"> • Eric Brendlinger, Parks & Recreation Director <ul style="list-style-type: none"> ○ 30/60/90 Day Outlook ○ Outstanding Projects Status • Jessi Rochel, Rec Center Manager • Parks & Recreation Commissioners <ul style="list-style-type: none"> ○ Updated Commission Contact List • Luis Yllanes, Trustee Liaison 	INFORMATION (Attachment F)
9:00		10.	Adjournment*	*Please note: Times are approximate



**TOWN OF CARBONDALE
511 COLORADO AVENUE
CARBONDALE, CO 81623**

Parks & Recreation Commission Agenda Memorandum

Meeting Date: January 13 , 2021

TITLE: 2021 Town of Carbondale Integrated Weed Management Plan

SUBMITTING: Parks & Recreation Department

ATTACHMENTS: Parks Department Yearly Timeline
Weed Management Plan Spreadsheets
Weed Maps of Parks with issues
2 Samples of 2020 Land Managers Recommendations

PURPOSE:

Resolution # 13 Series of 2019 adopted the Town of Carbondale Integrated Weed Management Plan (CIWMP). The management techniques prioritized in this plan include prevention, cultural, mechanical, biological strategies and as a last resort, chemicals. This plan includes consult with area Natural Land Management Specialists to exhaust all strategies named above before resorting to chemical control. Before using any chemical on town managed land in Carbondale, it is necessary to get approval from the Board of Trustees, because Carbondale pursues an herbicide and pesticide free policy whenever possible.

On an annual basis an assessment, well in advance of the growing season, will take place of the weed mitigation methods used per park and on other Town owned lands. The effectiveness assessment will utilize data compiled on the Parks Department & Public Works Department Weed Management Plan spreadsheets, which detail the methods, techniques, timing, and effectiveness of the efforts of weed management presently being used. These documents also provide data on species of non-desirable plants not responding to the non-chemical treatment efforts.

If necessary, at this time a plan for the following growing season will be presented to the Environmental Board and to the Weed Advisory Board (Board of Trustees) for the use of an approved chemical treatment for the eradication of the weed in question, which will be identified by type, location, size of infestation, methods of chemical use, details of chemical used and the use regimen per location.

Anytime chemicals are recommended for weed management to the Weed Advisory Board, the E-Board will have first reviewed the "Logs and Archive" of integral strategies pursued by staff, including the report from the Natural Land Management specialists to confirm that integral (chemical-free) management techniques have been exhausted, or are not realistic with budget limitations and staff availability. Town staff will consult with a Natural Land Management Specialist to determine the most beneficial and effective chemical management technique.

BACKGROUND:

The State of Colorado Noxious Weed Act (C.R.S. 35-5.5) was signed into law in 1990 and amended in 1996. Now known as the Colorado Noxious Weed Act (Act), it states that noxious weeds pose a threat to

the natural resource of Colorado. The Act also directs that the governing body of each municipality shall adopt a Noxious Weed Management Plan for all lands within the municipality. The Mayor and Board of Trustees shall provide for the administration of the Noxious Weed Management Plan authorized by the Act. In October of 2015, the Board of Trustees appointed a Citizens Weed Advisory Task Force to develop a noxious weed management plan. This citizen group produced a base plan that saw numerous revisions and was adopted last year. The *Integrated Weed Management Plan* that we are now using is the product of continuing refinement of the document by the Citizens Task Force, the Public Works Department, the Parks & Recreation Department, the E-board and the Parks & Recreation Commission.

DISCUSSION:

Reviewing the park specific management plans from 2019 & 2020, many of the techniques for weed eradication will remain the same and chemical free as we have seen progress in the success of these efforts. In addition, the steam machine equipment was purchased and used for weed eradication in 2020. The site-specific plans did expose some problem areas that are not responding well to our existing techniques. The following locations are problem areas that we are closely monitoring. These locations are not presently recommended for any chemical weed treatment.

- *Gateway RV Park*- prior to being open to the public and at first growth we will increase our efforts to eradicate the weeds established in the gravel camp sites. We will continue to use avenger, a natural burn down herbicide, manual extraction and/or weed burning techniques, and continue to test the effectiveness of the steam machine weed control methods. We used the steamer multiple times on the *Goathead (puncturevine)* before and during flowering , prior to the bur seeds developing. Other weeds that are present on site include *Scotch Thistle & Canada Thistle* (B-List) which our manual extraction before they go to seed has been slowly diminishing the infestation and their annual regrowth.
- At the North Bridge Riverfront Park an infiltration of *Wild Parsnip* has established itself along the south side of the public access trail on the property. This is sometimes miss-identified as *Poison Hemlock*, a B-list weed. The plant leaves and stems can cause burns and blisters on the skin after touching, so due to the location we will try to manually eradicate this plant with proper PPE.

Our largest and most difficult weed management challenge is at our 2 acre irrigated dirt area at the North Face Bike Park. The Nature Park, the baseball infields and the roundabout parks each have unique weed issues. The following parklands are recommended for chemical weed control subject to the Integrated Weed Management Plan guidelines for 2021.

- *Nature Park*- The Friends of the Nature Park and the Roaring Fork Outdoor Volunteers joined forces in September to conduct a weed map of the property and to manual pull the known noxious weeds. We have identified some patches of *Common Burdock* (C-list) and *Hounds Tongue* (B -list). There is also *Canada Thistle* (B-list) and *Plumeless Thistle* (B-list). We will try to burn the park in the spring and organize another Friends of the Nature Park volunteer clean-up effort. We would like to fence off an experimental test plot area where we have identified the common burdock and the two thistles to the north and north west of the cabin (please see map). We will cut the area in half and spray half with *Avenger*, a burn down contact non-selective herbicide, and half with *Tenacity*, a selective systemic herbicide. This would be

conducted in a post emergent situation on established weeds for a one time application trial to test the two techniques. Then return in four weeks to assess the efficacy of the products. We will continue to monitor and will try to propagate the rust fungus that is working on *the Canada Thistle*.

- *Baseball field infields*- A perennial rhizomes bind weed *Field Bindweed* (C-list) and other weeds were manually removed in the fall of 2019 to a depth of 6" on Triangle, Bill Hanks and Tiny Nightingale infields. The steam machine was also used on Tiny Nightingale field to see if a deeper root steam technique would work. Monitoring the infields last spring during the growing period it appeared that these previous methods did not have a beneficial effect on these well-established weeds on any of these infields. Taproots of the bindweed can be 2-10 feet deep, seed can remain viable for 50+ years and shallow tillage only increases the number of plants. This rendered the steam machine an ineffective tool to deal with this weed. Since the fields were not being used and the daily field prep was not being conducted due to covid, the bind weed took over the infields. We used our "bolt drag" to try and pull the weeds in the infields and then hand-picked the remnants, but this weed is established in the soil and we are not getting ahead of it with these techniques. Other weeds identified in the infields are *Purslane*, *Prostate Knotweed*, *Common Mallow*, *Prostate Pigweed*, *Khakiweed*.
- At the *North Face Bike Park* we are proposing a spot spray application to attempt to eradicate weeds on the Colorado Noxious Weed B list, *Common Tansy*, *Hoary Cress* (White Top) and *Canada Thistle*. *Common Tansy* is a List B that requires elimination by 2022. We have been weed whacking and hand pulling the *Canada Thistle* and are keeping it from expanding, but mowing is not effective on the *Tansy* and *Hoary Cress* and may cause the plant to develop perennial characteristics. Both weeds have not responded favorably to our existing techniques for weed mitigation and have established themselves in specific areas adjacent to the riding surfaces in the bike park. The plan for 2021 is to continue with our techniques of burning the park, then weed whacking growth and re-establishing the pea gravel on top of the weed barrier on the non-rideable surfaces within the park. The Parks Department is requesting the use of a spot application on the B-list noxious weed *Common Tansy*, *Hoary Cress* and *Canada Thistle* of the herbicide *Escort XP* with a non-ionic surfactant and to apply it when the plant is bolting to the bud growth stage.
- The Public Works Department is requesting to use *Tenacity Herbicide* in the roundabout garden areas in 2021. Michael Callas, our Town Arborist, would like to try it in the roundabout because there is no public access through that area and it would allow us to try and get a better handle on the bindweed and thistle. Mike believes that this may be our best alternative to other herbicides with higher toxicity ratings, and by using it in conjunction with the steamer he thinks he can finally make some headway. *Tenacity Herbicide* is a systemic pre-emergence and post-emergence herbicide for the selective contact and residual control of weeds. When used as a post-emergent, *Tenacity* weed killer is absorbed by susceptible weeds through foliar contact and soil absorption. Foliage of treated weeds cease growth after application, then turn white (loss of chlorophyll) and death may take up to three weeks. A repeat application is required after two to three weeks for improved post-emergence weed control. Its active ingredient, mesotrione, is based on a naturally occurring compound produced by the bottlebrush plant (*Callistemon citrinus*) that inhibits photosynthesis in susceptible plant species. It is absorbed by plants through the roots, shoots and leaves and distributed throughout the plant by both xylem and phloem translocation.

Town staff would follow the public notification rules stated in the CIWMP regards to use of herbicides on Town owned land :

Notification of Herbicide Use

- 1. Public Registry- town staff will establish a program for the registration of all pesticide sensitive (interested) residents so they may be informed, at minimum, within a 48 hour window before the application of an airborne herbicide.*
- 2. On-site Posted Notification- Any town staff that uses any herbicides should comply with the following on-site notification procedure: Signs should be posted at all usual public and employee points of entry to the treated area and pursuant to State or Federal law, regulation and by product label instructions. Signs should be posted two (2) days in advance of application and remain in place for the re-entry interval as determined by the product label or regulation. Signs should contain the name and active ingredient of the herbicide product, the target plant, the actual date of application, the re-entry interval as determined by the product label or regulation, and the name and contact number for the town department responsible for the application. Signs should be of a standardized design that are easily recognizable to the public and workers.*
- 3. Posted Notification on Town of Carbondale website of herbicide application on town property.*

RECOMMENDATION:

The noxious weed management method selected should be the least environmentally damaging, yet practical and reasonable in achieving the desired results. In making these decisions all factors including budget implications, materials costs, training and availability of labor need to be considered. The challenge for the Parks & Recreation and Public Works Department is the total square acreage of parklands and gardens in the Town right of ways that require ongoing maintenance. The goal is to develop the most feasible and time efficient means of noxious weed control.

It is the County's and the Town of Carbondale's philosophy to minimize the use of herbicides and impacts to desirable vegetation. However, for some species of noxious weeds, herbicide application is the most efficient and effective method of control. It is extremely important to treat small infestation of certain weeds (List A and B species mandated to be eradicated) as soon as possible. To ensure that small infestations of noxious weeds are controlled or eradicated effectively, it is extremely important to take immediate action on certain weed patches.

Parks & Recreation Department staff is seeking approval from the Parks & Recreation Commission, the E-Board and the Board of Trustees to use a spot spray application of a chemical based herbicides to eradicate the Type A and Type B Colorado Noxious Weed species from the Town owned land mentioned above. This recommendation would be presented to the Environment Board for additional review and to the Trustees for the final decision. The CIWMP states:

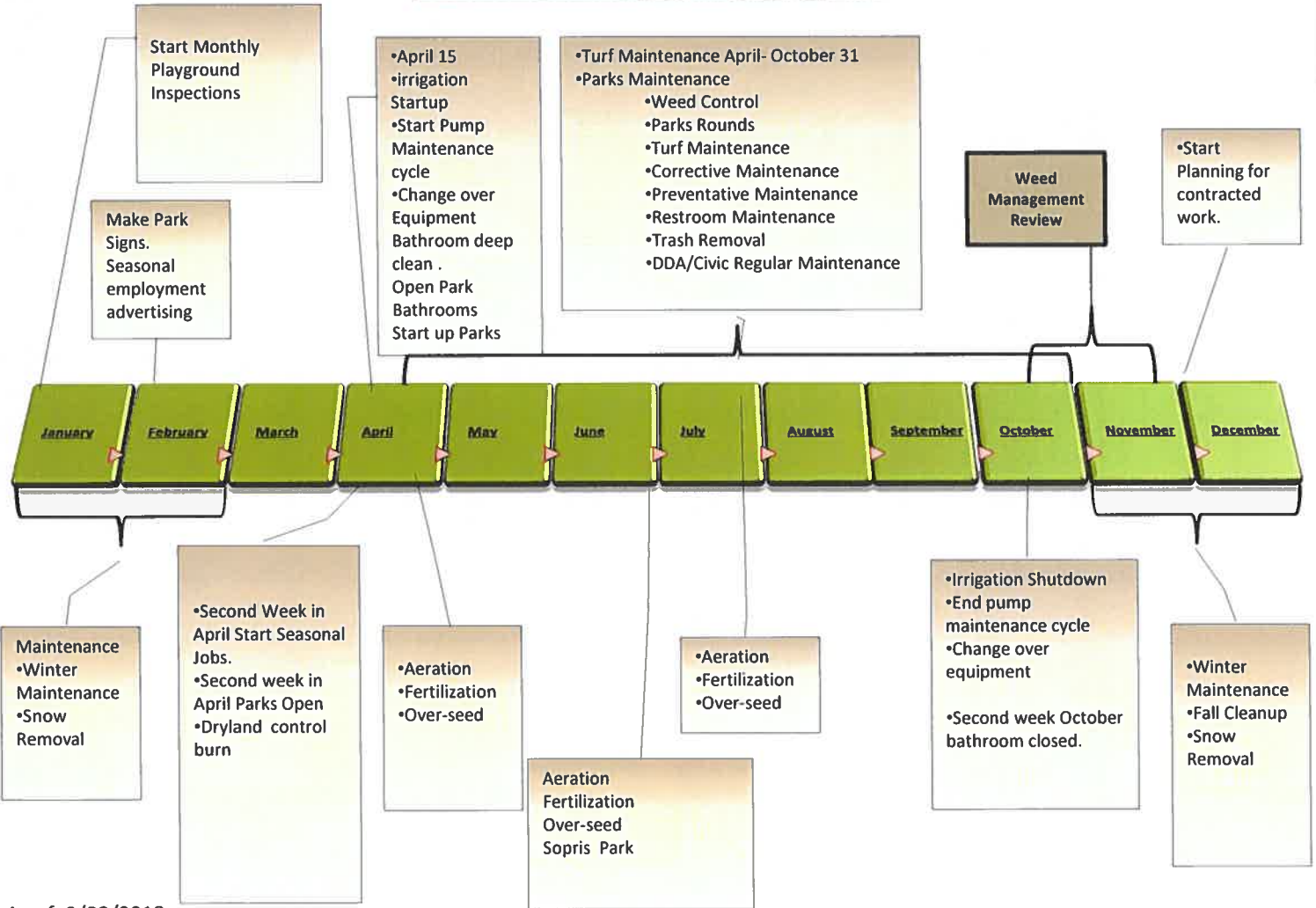
In this manner Town staff, whom have been trained in the application of the herbicide, receive permission from the Board of Trustees acting as the Weed Advisory Board, to use an approved herbicide for the eradication of a noxious weed on Town lands. This plan uses the expertise of land managers for a long-term strategy that has the goal of long-term eradication and/or control of noxious weeds without

uncontrolled proliferation. Any permission obtained to use herbicides from the board of Trustees must follow the label instructions. Any use of a herbicide inconsistent with the label's directions is illegal.

Prepared By: Eric Brendlinger, Parks & Recreation Director

Town Manager

Parks Department Yearly Timeline



As of: 9/22/2019

2021

TOC Turf Parks

Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Soil & Turf Evaluation	Normal	In Progress	Spring	2021	50%	Soil samples from Sopris Park and Hendricks Dog Park to be sent in for analysis. Potential to send in other samples from turf parks if we see issues.
Aeration	Normal	scheduled	Spring	2021	80%	parks contain clover and dandelions. good turf root systems parks have less.
Fertilization	Normal	scheduled	Spring	2021	80%	parks contain clover and dandelions. good turf root systems parks have less.
Over Seed	Normal	scheduled	Spring & Fall	2021	80%	parks contain clover and dandelions. good turf root systems parks have less.
Applying soil conditioners or organics	Normal	Not Started	Fall	2021	0%	Depending upon the results of soil samples. Potential additives to our Aeration, fertilization and overseed techniques.
Top Dressing	Low	completed	Summer	2019	100%	Summer 2019 Hendricks & Miners Soccer Fields Top Dress product could have used more sand to enhance leveling.
Mowing regimen	High	In Progress	Seasonal	April 15 - Oct 15	100%	Height of Mowers 2.5" , 1 x time per week.
Watering Regimen	High	In Progress	Seasonal	April 15-Oct 15	100%	
Avenger Spot Spray Burn Down natural, non-chemical herbicide	Low	Not Started	Spring	2021	0%	# of Gallons of avenger (6 to 1 ration with water) Is more effective on broad leaf weeds and cannot be used on turf fields because it is non-selective.
Steam Machine Weed Burn	High	Experimental Phase	Spring, Summer	2021	0%	Town now owns a machine so we will experiment with it in weed problem areas. Turf parks are not high priority for this machine.
Seek consultation with Natural Land Manager Specialists for next step	High	Not Started	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.
Spot spray Use of chemical based Herbicide	Low	Not Started	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.

These are Sopris Park, North Face Park, Historical Park, Thompson Park, Bonnie Fisher Park, Hendricks Soccer field, Holland strip, Hendricks Strip, Miners Park, Colorado Meadows, and Gianinetti Park.

Spring aeration with tine about 4" depth. (Feb. to Mar.)
 Spring fertilization after irrigation is on. (Apr. to May.)
 Parks that have heavy usage (Sopris & Hendricks) will
 Aerate in the end of July. If necessary apply fertilizer.
 Seed Mixture for Turf Parks : COOP Roaring Fork Lawn Mix

2021

TOC Gateway RV Park

Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Camp hosts to spray with avenger and burn as they see fit	Normal	done as needed	camping season	2021	50%	Camp hosts are supplied with avenger and a weed burner to take care of small spots as they come up. Helped with the sharp burs .
Steam Technique	Normal	scheduled	early spring	2021	50%	Trying the new weed steamer on the ground cover in the camping spots when they first flower.
Hand extraction	Normal	scheduled	Spring	2021	25%	Unable to use temp workers due to covid. Staff hand pull for two days plus one Friday with seasonal parks crew.
Cut down flowering thistle	High	Scheduled	Spring, Summer	As needed 2021	75%	Cut down and removed all thistles that had flowered but not seeded yet. Working on Scotch Thistle and Canadian Thistle.
B List Colorado Noxious Weed - Scotch Thistles & Canadian Thistles	High	Scheduled	Spring & Summer	2021	50%	Thistles are a tri annual plant propagating by seed. If we can keep the thistles from going to seed then we will slow down the infestation. It takes many years but works as long as we keep on top of it. After a thistle flowers it will usually not put out another flower so mitigation has to be done after the thistle has flowered.
Seek consultation with Natural Land Manager Specialists for next step	high	Need to schedule	camping season	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.
Spot spray Use of chemical based Herbicide	Normal	needs BOT approval	Spring, before park opens	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.

Gateway RV Park- prior to being open to the public and at first growth we will increase our efforts to eradicate the weeds established in the gravel camp sites. We will continue to use avenger, a natural burn down herbicide, manual extraction and/or weed burning techniques, and continue to test the effectiveness of the steam machine weed control methods. We used the steamer multiple times on the *Goathead (puncturevine)* before and during flowering , prior to the bur seeds developing. Other weeds that are present on site include *Scotch Thistle & Canada Thistle* (B-List) which our manual extraction before they go to seed has been slowly diminishing their annual regrowth.

2021

TOC Nuche Park

Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Burning	Low	Not Started	Spring	2021	0%	
Manual Extraction	Low	Not Started	Spring	2021	0%	
Goat pasture	Low	Not Started	Spring & Summer	2021	0%	Cost could be prohibitive, unless we own our own goats.
Fertilization	Low	Not Started	Spring	2021	0%	
Over Seed	Low	Not Started	Spring & Fall	2021	0%	
Applying soil conditioners or organics	Low	Not Started	Spring	2021	0%	
Mowing regimen	Low	Not Started	Seasonal	2021	0%	Height of Mowers, x times per week. Weed wacking to scalp weeds prior to seeding.
Steam Machine burn down	Low	experimental	Spring & Summer	2021	0%	Potential technique that could be used now that we own a machine. Cost prohibitive if we do not.
Watering Regimen	High	scheduled April - Oct Ditch season	Seasonal	2021	50%	RVR controlled irrigation system was not functioning in early 2020, planted trees have died, with irrigation fixed we planted trees and could expand this with native cover crops in the future
Avenger Spot Spray Burn Down natural, non-chemical herbicide	Low	not started	Spring/ Summer	2021	0%	# of Gallons of avenger (6 to 1 ration with water) Have not tried this in this park, but the potential for this to work is high due to small infestations of weeds.
Seek consultation with Natural Land Manager Specialists for next step	High	Need to schedule	Spring	2021	0%	Plan is to build a fenced in parking lot in Spring 2021. This step will then be necessary to access what type of weed problem we have and how to control them.
Spot spray Use of chemical based Herbicide	Low	Not Started	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.

2021

TOC Promenade Park

Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Burning	Low	Not Started	Spring	2021	0%	Due to proximity to residential properties this would not be prudent for this park.
Manual Extraction	Low	Scheduled	Spring/ Summer	May 2021 and as	50%	In progress :crusher fine areas and the pathways. Ascendigo Vocational program, UPS workers, staff
Fertilization	Low	Not Started	Spring	2021	0%	
Over Seed	Low	Not Started	Spring & Fall	2021	0%	
Applying soil conditioners or organics	Low	Not Started	Spring	2021	0%	
Mowing regimen	High	scheduled	Seasonal	2021	80%	Height of Mowers, 1 times every 2 to 3 weeks. Weed whack growth where mowers cant reach.
Watering Regimen	High	scheduled	Seasonal	2021	50%	Good growth of natives but also of weeds.
Avenger Spot Spray Burn Down natural, non-chemical herbicide	High	scheduled	Spring/ Summer	2021	50%	# of Gallons of avenger 4 (6 to 1 ration with water) used on pathways and picnic pavilion only. Requires re-application and not effective on blind weeds without large leaf surface areas.
Steam Machine Weed Burn	High	scheduled	Spring/ Summer	2021	50%	Purchase of steam machine in 2020 alloed experimentation on crusher fine paths and picnic shade areas for the summer of 2020. Effective but needed additional treatment. Once a month
Seek consultation with Natural Land Manager Specialists for next step	Low	Not Started	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.
Spot spray Use of chemical based Herbicide	Low	Not Started	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.

2021

Baseball Infields

Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Infield drag with the 5&1 twice a month	Normal	Completed	all season	2021	50%	Drag with the grader, pulling all annuals. Manually remove all weeds and throw away.
Hand pull and dig bindweed and grass	Normal	Completed	Late fall	2021	?	Unable to use Two temp workers in 2020. Staff dug up root systems of the bindweed and grass. Since fields were not being used bindweed infestation grew.
Spot Burn with handheld weed burners	Normal	scheduled	spring/summer	2021	20%	Pre-season when plants are flowering prior to going to seed. Continue this in 2021.
Carpet weed steam the entire infield to kill all seeds	low	not scheduled	early spring	2021	?	This will be experimental with our new weed machine if the machine is available and staff is available.
Manual Weed Pull with students as a public lands stewardship work project	Normal	on schedule	mid summer	2021	10%	Roaring Fork Outdoor Volunteers organize Summer Advantage Students from Crystal River Elementary One Day only .
Seek consultation with Natural Land Manager Specialists for next step	High	in progress	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.
Spot spray Use of chemical based Herbicide	High	needs BOT approval	Spring/Fall	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful..

The bind weed is taking over and needs to be dealt with. Covid caused a re-growth of the weed due to lack of use of the field and lack of machine dragging. The root system grows horizontally about 6-10 inches below the surface sending off shoots of new plants. Just hand picking the foliage only makes the weed stronger and bigger. I want to see if digging the root systems will slow down the spread. If the bind weed is unaffected from the manual pull, I will recommend spraying in either or both the fall and spring of 2021.

North Face Bike Park

Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Hydro Seed non-rideable berms and backsides of features	Low	Attempted	Spring	2015 post construction	10%	We had irrigation problems, so seed did not receive sufficient moisture to take. X2 Tried a manual scarify of soil and seed planting in 2016 also, but only mildly successful.
Soil Analysis	Normal	Completed	Fall	2016	20%	Had soil samples accessed by Colorado State 2016. Soil lacking in Phosphates. No soil additions budgeted.
Mulch	Low	Attempted	Winter	2017	10%	Used Christmas tree mulch 4" thick in low moist spots with out success. Fertilized weeds, held moisture.
Pea Gravel and Weed Barrier	Normal	scheduled	Spring & Fall	2016 & 2017 & 2021	75%	helped in between jump lines and pump track features, needs weeding every year by hand for newly established weeds in the pea gravel. Need to repeat technique 2021.
Burn perimeter	Normal	scheduled	Spring	2016 & 17, Not 2018, 19 or 20	25%	Was effective on the perimeter but did not help the berms and backsides of the features in the park. Will attempt in 2021 if staffing and weather allows.
Weed whack scalping with machines	High	scheduled	Spring, Summer	May, June, August 2021	50%	Manual scalping first of large weeds necessary. Labor intensive. Cut down the weeds that propagate via seed and removed all the cuttings. With Parks staff 2 to 3 times a year or 1 employee and 1 temp worker, two days
Manual Pull	High	scheduled	Spring, Summer	May, June, Aug 2021	75%	1 to 2 guys, 40 Hours for 1 week, \$1,000 Temp Budget not used due to covid. Not able to repeat multiple times due to budget
Manual Pull with volunteers	High	scheduled	Spring, Summer	May, June Aug 2021	25%	Not conducted due to covid in 2020. 1 to 3 x per year school groups or RFOV Youth Corps will manually pull one section of the park. 2 to 3 hours only. Ascendigo vocational 6 weeks, two people, one day a week.
Steam Machine burn down	High	experimental	Spring & Summer	April, May, June Aug 2021	?	Potential technique that could be tried this coming year because we own a machine. Lacked manpower in 2020
Avenger Spot Spray Burn Down natural, non-chemical herbicide	High	In Progress	Spring, Summer	June, July, August 2021	50%	# of Gallons of avenger 4 (one case) (6 to 1 ration with water) Need to re-apply every 2-3 weeks. Lacked the trained staff to stay with this schedule.
B List Colorado Noxious Weed List Canadian & Scotch Thistles	High	proposed	mid summer	2021 spring	40%	2020 Cut down all thistles that were flowering and before the went seed. Removed all debris. 1 employee or two temp workers 1 day. Repeat in 2021
B List Colorado Noxious Weed Mitigation Required Common Tansy	High	proposed	Spring, Summer	2021	60%	Hand pulled common ragwort when noticed. 1 employee in travels. Mandated to eradicate by 2022. Spot Spray recommended
B List Colorado Noxious Weed Hoary Cress (White Top) mitigation	High	proposed	Spring, Summer	2021	50%	White top will need to be spot sprayed before it gets out of control. If we catch it while it is small then eradication will be less spray then if we wait.
Seek consultation with Natural Land Manager Specialists for next step	High	scheduled	January	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.
Spot spray Use of chemical based Herbicide	High B list weeds	proposed	Spring, Summer	2021	0%	This step will be necessary when the previous methods of weed mitigation have not been successful on A & B

At the North Face Bike Park we are proposing a spot spray application to attempt to eradicate weeds on the Colorado Noxious Weed B list, *Common Tansy*, *Hoary Cress* (White Top) and *Canada Thistle*. *Common Tansy* is a List B that requires elimination by 2022. We have been weed whacking and hand pulling the *Canada Thistle* and are keeping it from expanding, but mowing is not effective on the *Tansy* and *Hoary Cress* and may cause the plant to develop perennial characteristics. Both weeds have not responded favorably to our existing techniques for weed mitigation and have established themselves in specific areas adjacent to the riding surfaces in the bike park. The plan for 2021 is to continue with our techniques of burning the park, then weed whacking growth and re-establishing the pea gravel on top of the weed barrier on the non-rideable surfaces within the park. The Parks Department is requesting the use of a spot application on the B-list noxious weed *Common Tansy*, *Hoary Cress* and *Canada Thistle* of the herbicide *Escort XP* with a non-ionic surfactant and to apply it when the plant is bolting to the bud growth stage.

TOC Nature Park


Weed Control Method	Priority	Status	Season	Date	% effective	Notes
Uplands and Wetlands Evaluation	Low	Completed	Spring	2015	0%	Conducted by Ryan Sparhawk in 2015
Burning	High	completed	Spring	2021	65%	One burn in 2017 . 2018-19 drought conditions and did not have trained manpower for burn. Conducted in Spring 2020 only 65% of park. Will try for a burn in 2021 spring.
Flood Irrigate	Low	Not Started	Summer	2021	0%	Last Flood Irrigation was 2016
Manual Extraction	Medium	started in 2020	Year round	2021	20%	Potential volunteer effort with schools or established "Friends of the Park" groups. Town staff does mitigation work on Canadian Thistle on adjacent hillside and has taken over maintenance of the Solar Array.
Goat Pasture Technique	Low	Not Started	Spring & Sum	2021	0%	Could be cost prohibitive on this parcel, unless we owned some goats.
Fertilization	Low	Not Started	Spring	2021	0%	
Over Seed	Low	Not Started	Spring & Fall	2021	0%	A reestablishment of some native plants in areas of noxious weed infestations.
Applying soil conditioners or organics	Low	Not Started	Spring	2021	0%	
Biologics : Introduced Rust Fungus	High	Started in 2015	Spring	4 year process	70%	Specific to the Canada Thistle, Colorado Department of Agriculture experiment on 1 patch, 148 stem in 2015 down to 44 stems in 2019.
Mowing regimen	Low	Summer mowing season	Seasonal	2021	30%	Path to Archery Range. And around Solar array fencing.
Watering Regimen	Low	Not Started	Seasonal	2021	0%	This was a suggestion from the 2015 Parks Recreation and Trails Master Plan. We only irrigate the trees and plants around the solar array on a schedule.
Avenger Spot Spray Burn Down natural, non-chemical herbicide	Low	Not Started	Spring	2021	0%	# of Gallons of avenger (6 to 1 ration with water) Lack of adequate staffing to conduct. Must re-apply every two weeks to be affective. Will try in solar array in 2021. Weed whacked instead.
Seek consultation with Natural Land Manager Specialists for next step	High	Not Started	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.
Spot spray Use of chemical based Herbicide	Low	Not Started	Spring	2021	0%	This step will be necessary when the previous methods of weed mitigation are not successful.

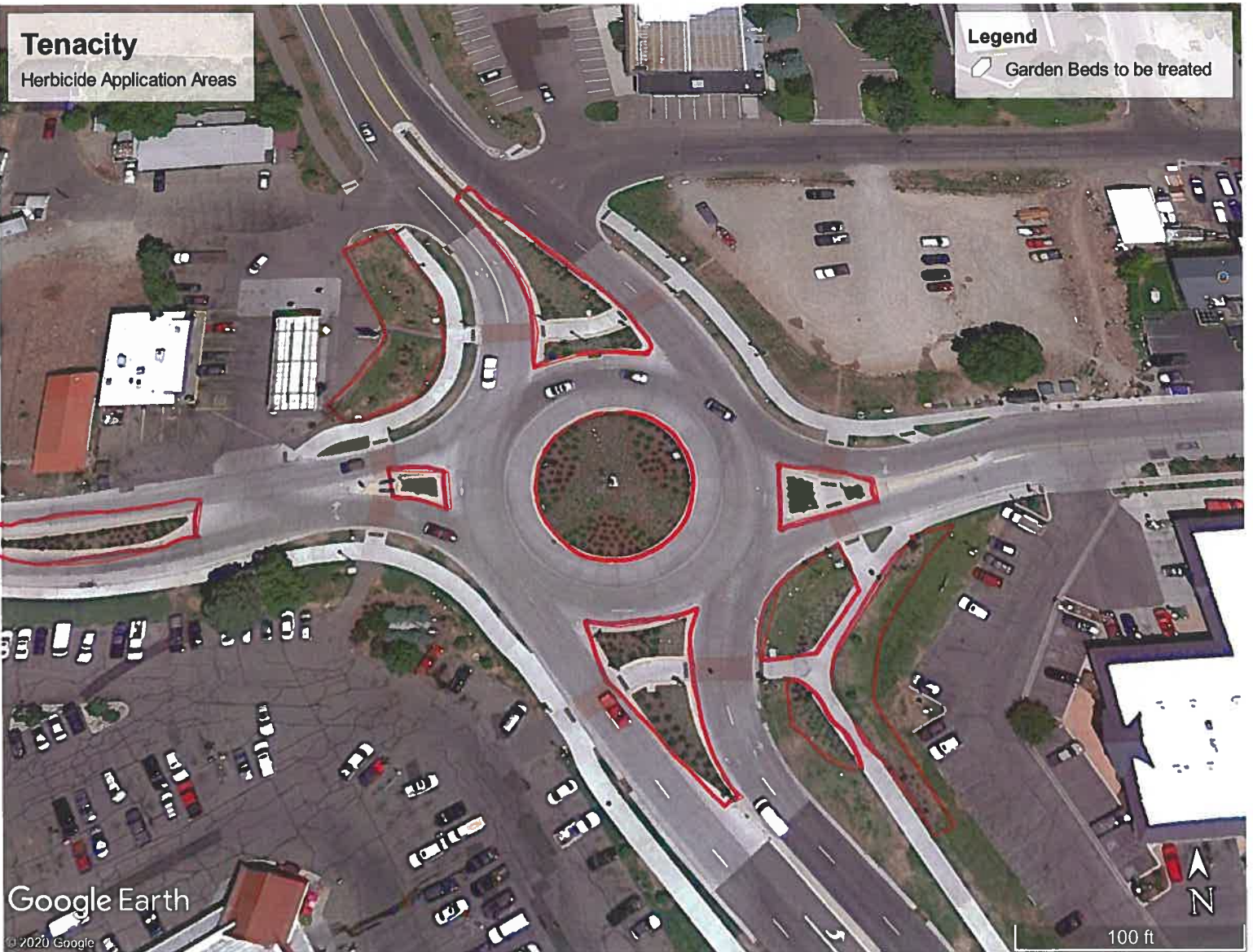
Nature Park- The Friends of the Nature Park and the Roaring Fork Outdoor Volunteers joined forces in September to conduct a weed map of the property and to manual pull the known noxious weeds. We have identified some patches of *Common Burdock* (C-list) and *Hounds Tongue* (B-list). There is also *Canada Thistle* (B-list) and *Plumeless Thistle* (B-list). We will try to burn the park in the spring and organize another Friends of the Nature Park volunteer clean-up effort. We would like to fence off an experimental test plot area where we have identified the common burdock and the two thistles to the north and north west of the cabin (please see map). We will cut the area in half and spray half with *Avenger*, a burn down contact non-selective herbicide, and half with *Tenacity*, a selective systemic herbicide. This would be conducted in a post emergent situation on established weeds for a one time application trial to test the two techniques. Then return in four weeks to assess the efficacy of the products. We will continue to monitor and will try to propagate the rust fungus that is working on *the Canada Thistle*.

Tenacity

Herbicide Application Areas

Legend

 Garden Beds to be treated



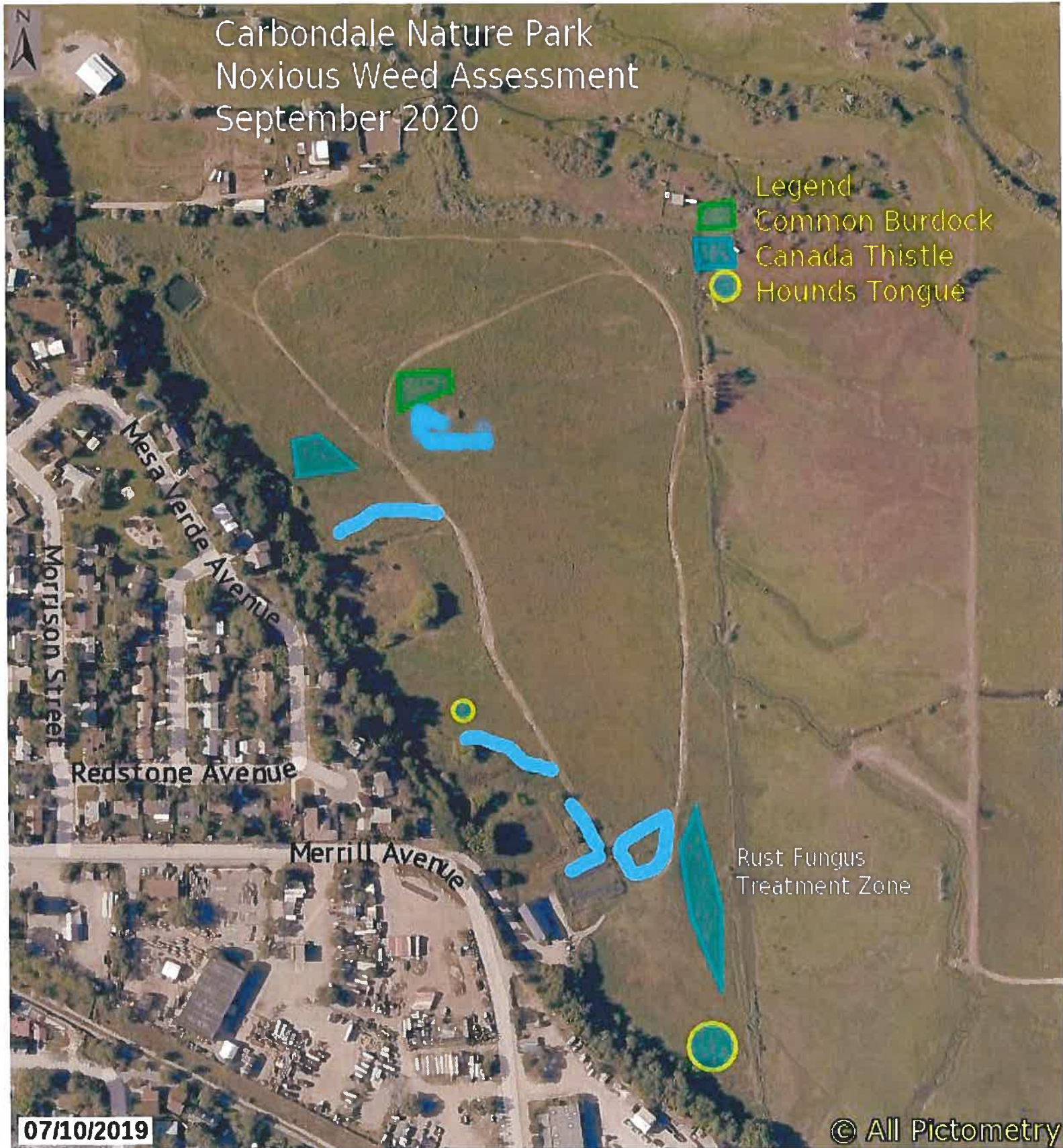
Carbondale Nature Park
Noxious Weed Assessment
September 2020

Legend
Common Burdock
Canada Thistle
Hounds Tongue

Rust Fungus
Treatment Zone

07/10/2019

© All Pictometry



Weed Map Riverfront Park North Bridge Drive 2021



Public Works & Parks Department Integrated Weed Management Log

(To be filled out to document integrated weed management efforts in specific locations)

Specific Location: North Face Bike Park, located at 311 meadowood Drive, Carbondale, CO -Proposal to use a chemical based herbicide with hand sprayers , by trained staff, to attempt to eradicate the Type B- Common *Ragwort* (*senecio jacobaea*) and the Type - B *Hoary Cress* (*Lepidium draba*) noxious weeds

Natural Land Management Specialist Consultation

Name: Lisa DiNardo, Horticulturist/Certified Arborist, RM-7161A

Date: 9-Feb-20 Contact Info: 970-618-0034

Recommendation: Has staff tried using Avenger when plants are below 3-4 inches in height and at a lower dilution rate? Especially in the pea gravel at North Face Bike Park. Spraying Avenger in the jump lines and pump track when undesirable vegetation is below 3-4 inches is optimal. Reseeding or reveg utilized after a mechanical removal or other treatment? This is crucial when reveg is appropriate in the site. Competition is a good strategy and creates healthy ecology and benefits wildlife. Mowing or string trimming twice a month is optimal to keep the undesirable vegetation short and then spray with Avenger prior to flowering. I have found that successful noxious weed management and oversight requires a cognizant, consistent and dedicated person who can delegate the management vision with yearly mapping and protocols with weekly field actions.

Date	Method Employed (M-Mechanical, B-Biological, O-Other)	Description of Work	Number of Hours
Spring & Fall 2020	O-Spot Spray <i>Common Ragwort</i> Biannual , but can become Perennial	Parks & Recreation Staff, using appropriate PPE would conduct a spot and plant specific targeted application using a selective broadleaf herbicide. Brand names recommended are <i>Milestone, Escort or Transline</i>	
Spring 2020	O- Spot Spray <i>Hoary Cress</i> Perennial	Parks & Recreation Staff, using appropriate PPE would conduct a spot and plant specific targeted application using a selective broadleaf herbicide. Hoary Cress (aka-Whitetop) can be difficult to kill because of its deep and regenerative root system. The seeds are short-lived, so a treated site only needs to be monitored for a few years. Chlorsulfuron (<i>Telar®</i> 75) or metsulfuron (<i>Escort®</i>) can be applied during the budding or early bloom stages.	

Public Works & Parks Department Integrated Weed Management Log

(To be filled out to document integrated weed management efforts in specific locations)

Specific Location: North Face Bike Park, located at 311 meadowood Drive, Carbondale, CO -Proposal to use a chemical based herbicide with hand sprayers , by trained staff, to attempt to eradicate the Type A- *Tansy Ragwort (Senecio jacobaea)* or possibly *Common Tansy (Tanacetum vulgare)* and the Type - B *Hoary Cress (Lepidium draba)* noxious weeds

Natural Land Management Specialist Consultation

Name: Steve Anthony and Sarah LaRose

Date: February 12, 2020 **Contact Info:** Steve Anthony: 970-945-1377 x 4305, santhony@garfield county.com Sarah LaRose: 970-945-1377 x 4315, slarose@garfield-county.com

Recommendation:

- Confirm identification of Tansy ragwort during field season. Common tansy (*Tanacetum vulgare*) is common in the Carbondale area and is more likely to occur at North Face. Tansy ragwort is a List A and would require eradication per the Colorado Noxious Weed Act. Common tansy is a List B and requires elimination by 2022.
- Assuming that we're dealing with Common tansy, we recommend selective spot-spraying of the herbicide Escort XP with a non-ionic surfactant. If the target is Common tansy, apply when the plant is bolting to the bud growth stage. If the target is Tansy ragwort, the same herbicide would be appropriate but at the earlier rosette stage.
- We concur with staff recommendations for the treatment of Hoary Cress and would add the use of a non-ionic surfactant.

Date	Method Employed (M-Mechanical, B-Biological, O-Other)	Description of Work	Number of Hours
Spring & Fall 2020	O-Spot Spray <i>Tansy Ragwort</i> Or <i>Common Tansy</i> Biannual , but can become Perennial	Parks & Recreation Staff, using appropriate PPE would conduct a spot and plant specific targeted application using a selective broadleaf herbicide. Brand names recommended are <i>Milestone</i> or <i>Transline</i> . Metsulfuron (<i>Escort</i>) will also work on this weed.	
Spring 2020	O- Spot Spray <i>Hoary Cress</i> Perennial	Parks & Recreation Staff, using appropriate PPE would conduct a spot and plant specific targeted application using a selective broadleaf herbicide. Hoary Cress (aka-Whitetop) can be difficult to kill because of its deep and regenerative root system. The seeds are short-lived, so a treated site only needs to be monitored for a few years. Chlorsulfuron (<i>Telar® 75</i>) or metsulfuron (<i>Escort®</i>) can be applied during the budding or early bloom stages.	



CARBONDALE **AQUATIC FACILITY**

December | 2020
DESIGNWORKSHOP

ACKNOWLEDGMENTS

BOARD OF TRUSTEES

- Dan Richardson - Mayor
- Heather Henry
- Ben Bohmfalk
- Luis Yllanes
- Marty Silverstein
- Erica Sparhawk
- Lani Kitching

WORKING GROUP

- Rose Rossello - Vice Chair of Parks and Recreation Commission
- Leslie Marcus
- Sadie Moore
- Scott Hanley
- Kathleen Wanatowicz
- Hollis Southerland - Chair of Parks and Recreation Commission
- Seth Goddard

PARKS AND RECREATION COMMISSION

- Hollis Sutherland - Chair
- Rose Rossello - Vice Chair
- Ashley Hejtmanek - Member
- Becky Moller - Member
- Kathleen Wanatowicz - Member
- John S. Williams - Member
- Genevieve Villamizar - Member
- Tracy Wilson - Alternate
- Luis Yllanes, Board of Trustee Liaison
- Eric Brendlinger - Parks & Recreation Director
- Jessi Rochel - Community Center & Recreation Programs Manager

TOWN OF CARBONDALE

- Eric Brendlinger - Parks and Recreation Director

- Jessi Rochel - Manager of Recreation Center
- Margaret Donnelly - Pool Manager

DESIGN WORKSHOP

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- Darla Callaway - Principal
- Jessica Garrow - Associate
- Jessica Perreault - Designer

CONSULTANT TEAM

- Doug Whiteacker - Water Technology Inc.
- Jeff King - Ballard King
- Jason Ringdahl - Barker Rinker Seacat Architecture

Thank you to the Carbondale community for participating in the Carbondale Aquatics Facility planning project and providing input.



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INTRODUCTION

The John M Fleet Pool has served the Carbondale community for over 40 years. It is a place where kids learn to swim, teenagers pass the time in the summer, and community members engage in fitness activities. Located on a prime corner downtown, it acts as one of the community's entry points. While it has served Carbondale well, it is an aging facility that needs an update and redesign to meet Carbondale's needs today and into the future.

This process is intended to identify opportunities for improvement to the aquatic facility. The planning effort documents the existing conditions of the pool and identifies areas where efficiencies could be realized. Through interviews with Town staff and key stakeholders, the process identifies constraints and opportunities for operations, programming and the built perspectives. The process is informed by a Working Group comprised of representatives from pool user groups, town staff, and interested residents. The community was asked to provide their feedback on needs and desires for the Carbondale Pool, building off the engagement completed in 2019 by the Parks and Recreation Commission.

This planning effort sought to provide efficient, fun, and inclusive ways for the community to participate in imagining what this facility could be going forward. The community's input offers the framework for the plan document, identifying the key infrastructure and amenities that should be included in an updated aquatics facility.

There were discussions of "trade-offs" throughout the process to help the community understand the financial, operational and physical constraints that need to be accounted for in the project.

Two important aspects that were addressed regarding the aquatic facility plan were location and seasonality. Residents were asked for their thoughts on these aspects in the survey. Their responses, combined with additional research information, were evaluated and discussed at length with the Working Group and other consulting groups.

The final adopted Aquatic Facility Plan is a municipally adopted document that provides guidance to Carbondale about:

1. The amenities, improvements and programs most supported by the community.
2. The best approach for long-term funding, maintenance, operations and management.
3. The ideal location and seasonality for the pool facility.

This Master Plan recommends the continued use of the current Main Street location and a refinement and expansion of programming opportunities to utilize the pool's features and connections to Sopris Park. The document focuses on flexibility in built features, programming and seasonality so the new Aquatics Facility can respond to changing needs over time.





CONTEXT ASSESSMENT

IMPROVEMENTS OVER TIME

Between 1978 and 1979, the Carbondale Pool was constructed. Named after Carbondale's former mayor, the John M. Fleet Pool is a six-lane, 25-meter pool with a diving board and slide. In 1986, the wading pool was added, and the building received its last major renovation. Over time, necessary updates or repairs have been made. Updates have included a PVC liner, automated chemical system, feed tank, a pool heater and re-plastering of the wading pool.

CAPACITY

When the pool was built in the late 1970s, Carbondale's town had about 2,000 people. While Carbondale's population has more than tripled since then, the pool's capacity has increased by only 20. The pool can accommodate approximately 200 people, with the main pool's total at 180 and 20 in the wading pool. As a result, people have been turned away from the pool several times during the season due to the maximum capacity limits or scheduled programming that did not allow for open swim. This issue has only been exacerbated by the global COVID-19 pandemic, in which safety regulations limiting the number of people based on the square footage have been put into place.

SEASON

The pool has historically operated from Memorial Day to Labor Day. In its high season, Memorial Day to mid-August, the pool is open 69 hours a week. During the low part of the season, mid-August to Labor Day, the pool is open for 47 hours per week. In 2019, the pool had 8,394 patrons for its pool season. Open swim, lap swimming, water aerobics, and swim lessons are scheduled at various times. A diving board and a slide provide additional recreational programming. These elements are used one at a time to prevent injury.

OPERATIONS

Like the pool industry as a whole, the John M. Fleet pool has staffing difficulties. Currently, the pool uses 14 lifeguards to keep it operational and five swim instructors. In a typical year, the pool is usually able to find 11 lifeguards to hire. Positions not filled during a season are supplemented with help from the Recreation Department's employees. Compounding this issue is the pool's program scheduling, which limits flexibility in hours and days for staff members.

FACILITY

The bathhouse has a front desk that doubles as an office space, a mechanical room, a chemical room, separate all-in-one male and female rooms for changing, showering and locker storage. These rooms are basic but functional. However, over time, like the pool, they too have become

undersized. In response to this issue, the town has built a guard shack and storage. This additional space cannot address all of the facility's issues, especially those relating to the mechanical room. As a result, repairs to mechanical equipment is significantly more costly.

TRENDS OF PAST SURVEYS FROM 2004, 2015 & 2018

The Town has completed community surveys over the last 15 years, which provided the basis for beginning this Master Plan. Key trends from these past outreach efforts include:

- Strong support for updating and renovating the pool and facilities.
- Having a variety of amenities that meet the needs of kids to adults is essential. A lap pool and a splash pad have strong support.
- Requests to extend the seasonality of the pool and amenities.
- Respondents have been split on whether a pool should be indoor or outdoor.

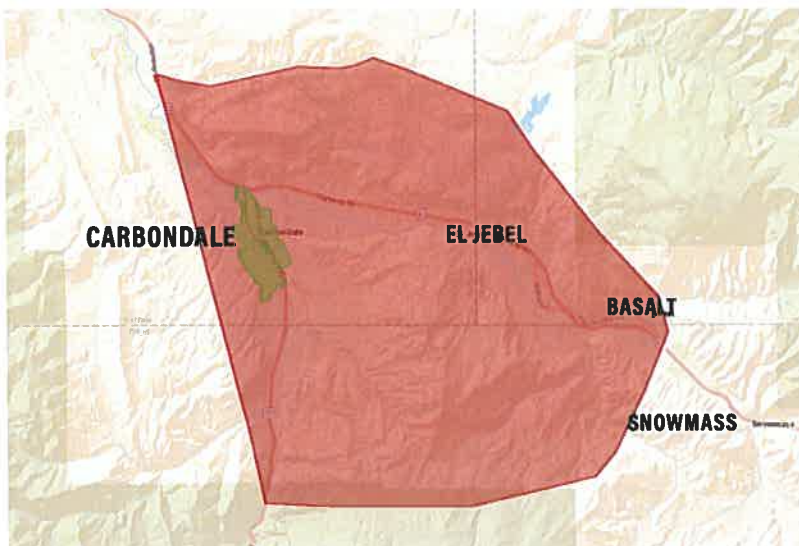
DEMOGRAPHIC SUMMARY

The Master Plan reviewed the service area for the Carbondale Pool. The services area includes the Town itself, as well as immediate surrounding areas. Some of the key findings from this analysis include:



- The population level of 7,081 people within the immediate service is large enough to support an outdoor swimming pool operation when overlaying National Sporting Goods Association (NSGA) participation statistics on to the demographic profile of the community.
- The population in the immediate service area is projected to grow at a steady level of almost 5% over the next five years to a population level of 7,435 and 5.8% to a population of 22,053 in the primary service area.
- There is a higher percent of people in the 0-5, 5-17, 18-24 and 45-54 age groups than the national age group distribution. This suggests more young adults and families in the immediate service area than the national level. The percent of households with children in the immediate service area is 37.4% compared to the national level of 33.4%. Age is one determining factor that drives participation in recreation and sport activities.
- The median household income of \$77,644 within the immediate service area is higher (28%) than the national level. Comparatively, the percent of households with income over \$50,000 is 73.8% compared to a national level of 59%. Household income is another one of the primary determining factors that drives participation in recreation and sports.
- The Spending Potential Index for housing in the primary service area is 12% higher than the national level.
- The Tapestry segments¹ identified in the Primary Service Area point to an active community.
- The median age of Primary Service is 3.1 years younger than the national number.
- The age-group population growth is estimated to be higher across the spectrum of age groups except in the 0-5 age group. While the immediate service area has a younger median age and higher concentrations of families it should be noted the age groups with the largest percent of estimated increase since the 2010 census include the age groups of 45-54 (155% growth), 55-64 (23% growth) and 65-74 (134% growth). This is significant in that swimming has universal interest across all ages and is a popular activity of older adults.

¹ Tapestry segmentation is a system composed of 67 distinct segments that accurately define and describe America's neighborhoods based on socioeconomic, demographic composition, LifeMode, and Urbanization group information.

SERVICE MAP AREA



LEGEND

-  Immediate Service Area for pool
[Town Limits of Carbondale]
-  Primary service area for pool

REGIONAL CONTEXT ANALYSIS



DISTANCE FROM PROJECT SITE

Within the Roaring Fork Valley, there are a number of aquatics facilities. These were reviewed to ensure the recommendations in the Master Plan fit within this overall context.

1 River Valley Ranch Aquatics Center [#7]

4.1 Aspen Glen Club [#5]

6.9 Ironbridge Recreation Center [#4]

11.3 Avalanche Ranch Cabins and Hot Springs [#11]

12.6 Basalt Swimming Pool [#8]

13.5 Glenwood Springs Resort Pool [#2]

13.9 Iron Mountain Hot Springs [#3]

13.9 Glenwood Springs Community Center Pool [#1]

26.6 Snowmass Recreation Center [#9]

29.1 Aspen Recreation Center [#10]

COMPARING VALLEY POOL AMENITIES

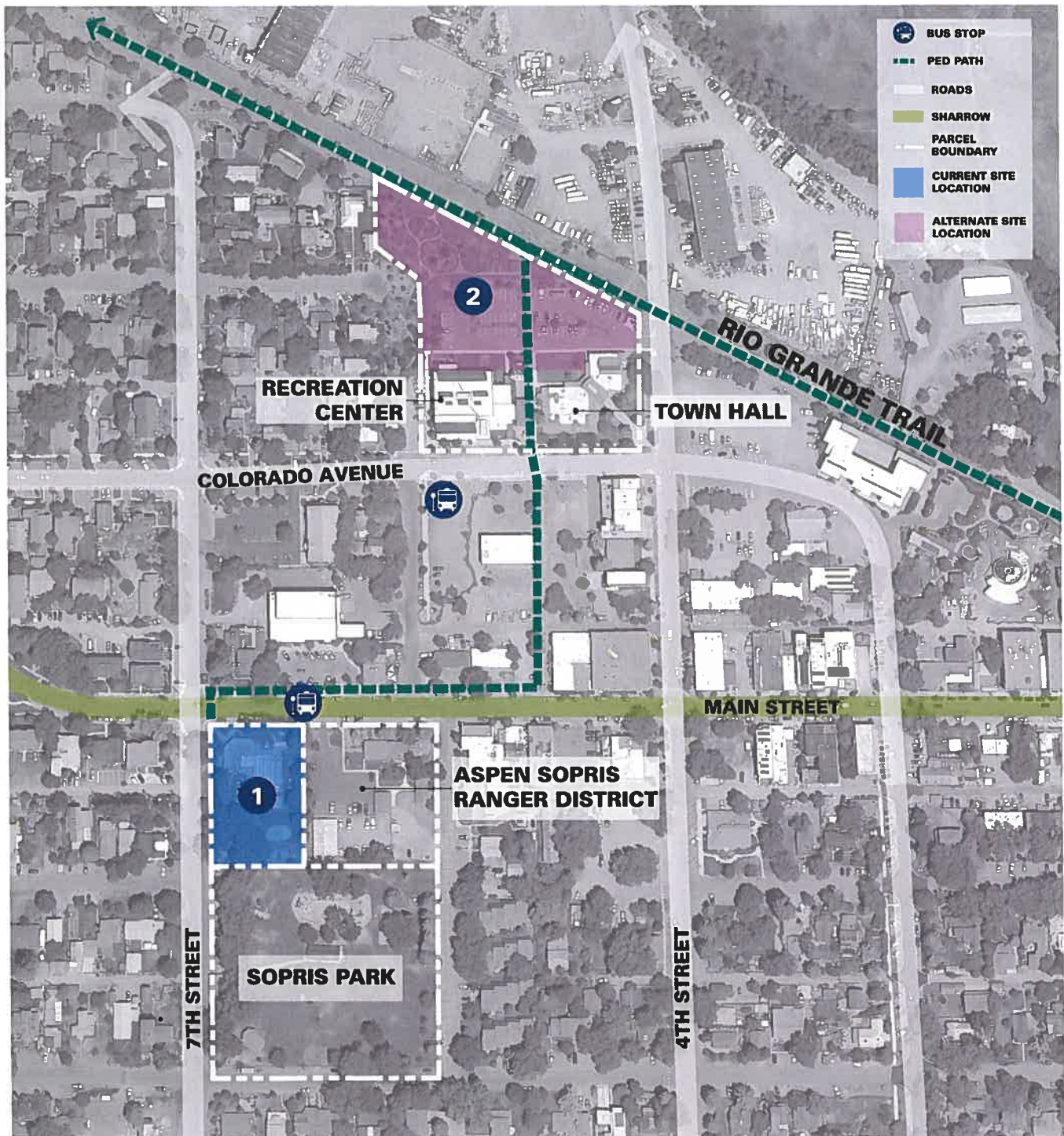
	Glenwood Springs				Carbondale			Basalt	Snowmass Village	Aspen	Redstone
	Glenwood Springs Community Center	Glenwood Springs Resort Pool	Iron Mountain Hot Springs*	Ironbridge Recreation Center	Aspen Glen*	Carbondale John M. Fleet Pool	River Valley Ranch Aquatics Center*	Basalt Swimming Pool	Recreation Center Aquatics	Aspen Recreation Center	Avalanche Ranch Cabins & Hot Springs
Amenities:											
Family Fun Pool											
Kid's Pool / Area											
Toddlers' Pool / Area											
Therapy Pool											
Hot Tub											
Lazy River											
White Water River											
Water Slide											
Splash Pad / Fountain											
Waterfall											
Water Play Features											
Lap Lanes											
Diving Boards											
Sauna / Steam Room											
Zero Entry											

*Private Pools

LOCAL CONTEXT ANALYSIS

As a long term planning process, it was important to ensure the overall plan considered the best location for the new Aquatics Facility. The project focused on assets that are owned by the Town and would not require additional property acquisition. An additional factor that was considered was proximity to existing facilities and the potential for some

alignment in programming and staffing. This resulted in an analysis of the area behind the Recreation Center and Town Hall, as well as the current location. While there are strengths and weaknesses to each location, the process ultimately resulted in a recommendation to maintain the current location.



CURRENT LOCATION | SITE ANALYSIS



OPPORTUNITIES AND CONSTRAINTS | CURRENT SITE LOCATION

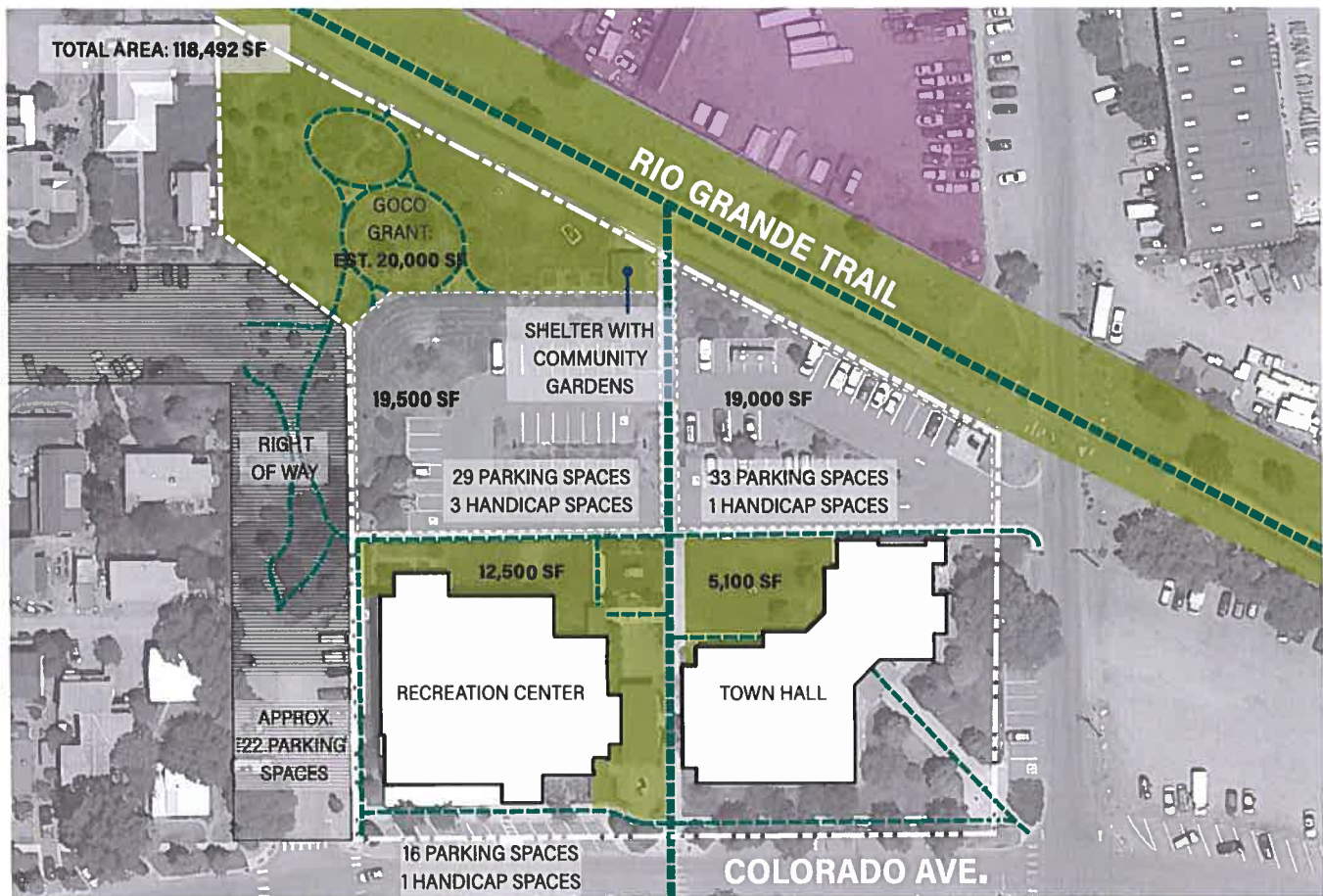
OPPORTUNITIES

- Central location on Main Street next to Sopris Park
- Streetscape improvements
- Improvements to building to engage with Main Street
- Improved connections with Sopris Park
- Easy walking and biking access to neighborhoods
- On bus route
- Land available to accommodate a larger facility
- Mature trees
- Connections to Sopris Park
- The character of the ditch

CONSTRAINTS

- Limited Parking
- The pool and building need significant improvements
- Proximity to USFS "industrial" operations and fleet parking
- Potential Mountain Fair impacts
- Proximity to Main Street traffic
- Prime corner in downtown that may be more appropriate for other land use
- Lack of connection to Rec Center
- Tree removal

ALTERNATE LOCATION | SITE ANALYSIS



OPPORTUNITIES AND CONSTRAINTS | REC CENTER SITE LOCATION

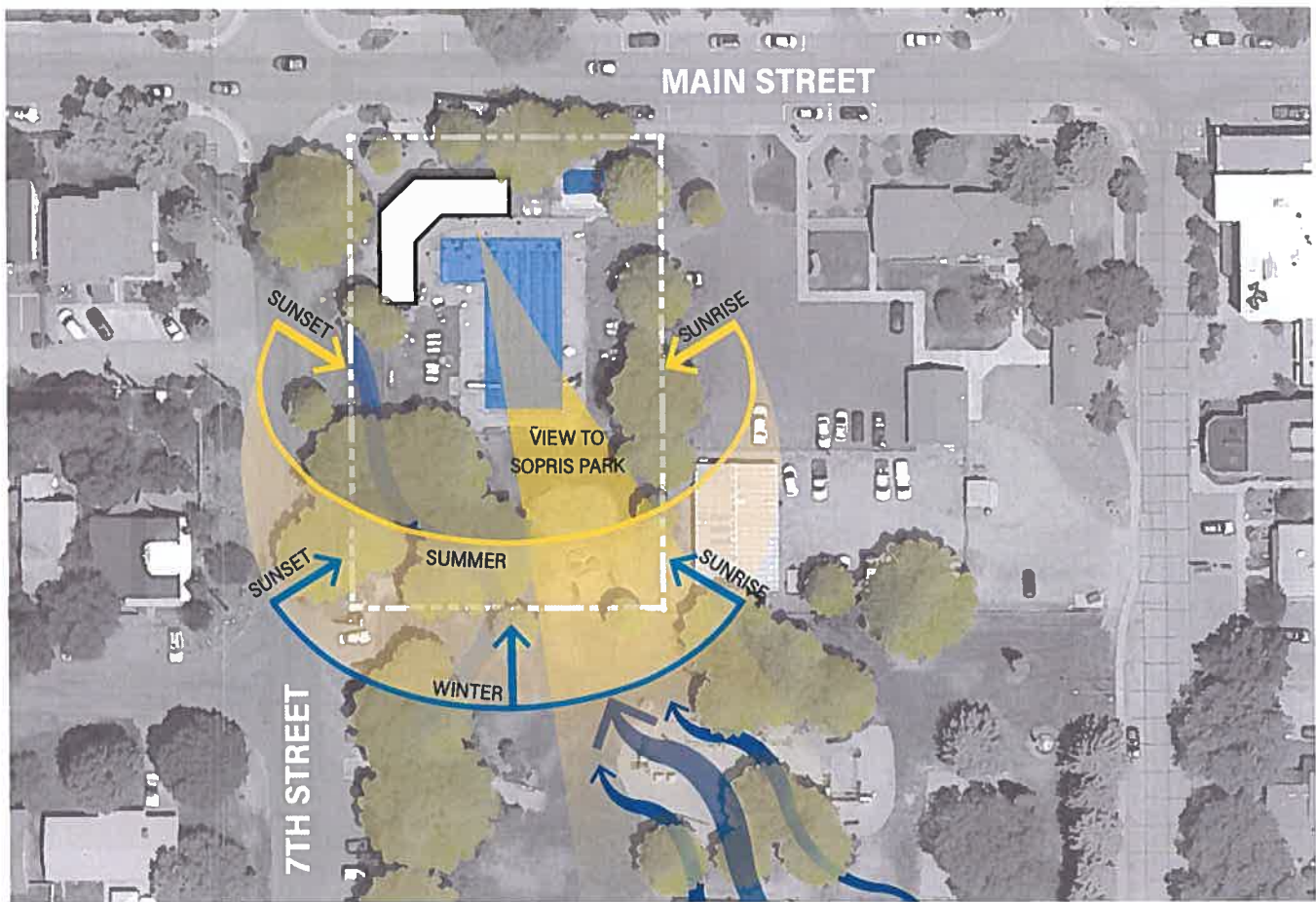
OPPORTUNITIES

- Adjacencies to Rec center, municipal building, Rio Grande Trail
- Easy access by multiple modes
- Synergy with Rec Center programming and operations
- No impact on current pool during construction
- Could Open Main Street location for other community need

CONSTRAINTS

- Limits future expansion options for the Recreation Center and/or Town Hall
- Removes existing parking
- Directly adjacent to industrial site (views, noise, dust impacts)
- Requires modification to GOCO grant area
- Proximity to residential neighbors
- Consolidating operations does not result in the need for less staff

CURRENT LOCATION | ENVIRONMENTAL ANALYSIS



OPPORTUNITIES AND CONSTRAINTS | CURRENT SITE LOCATION

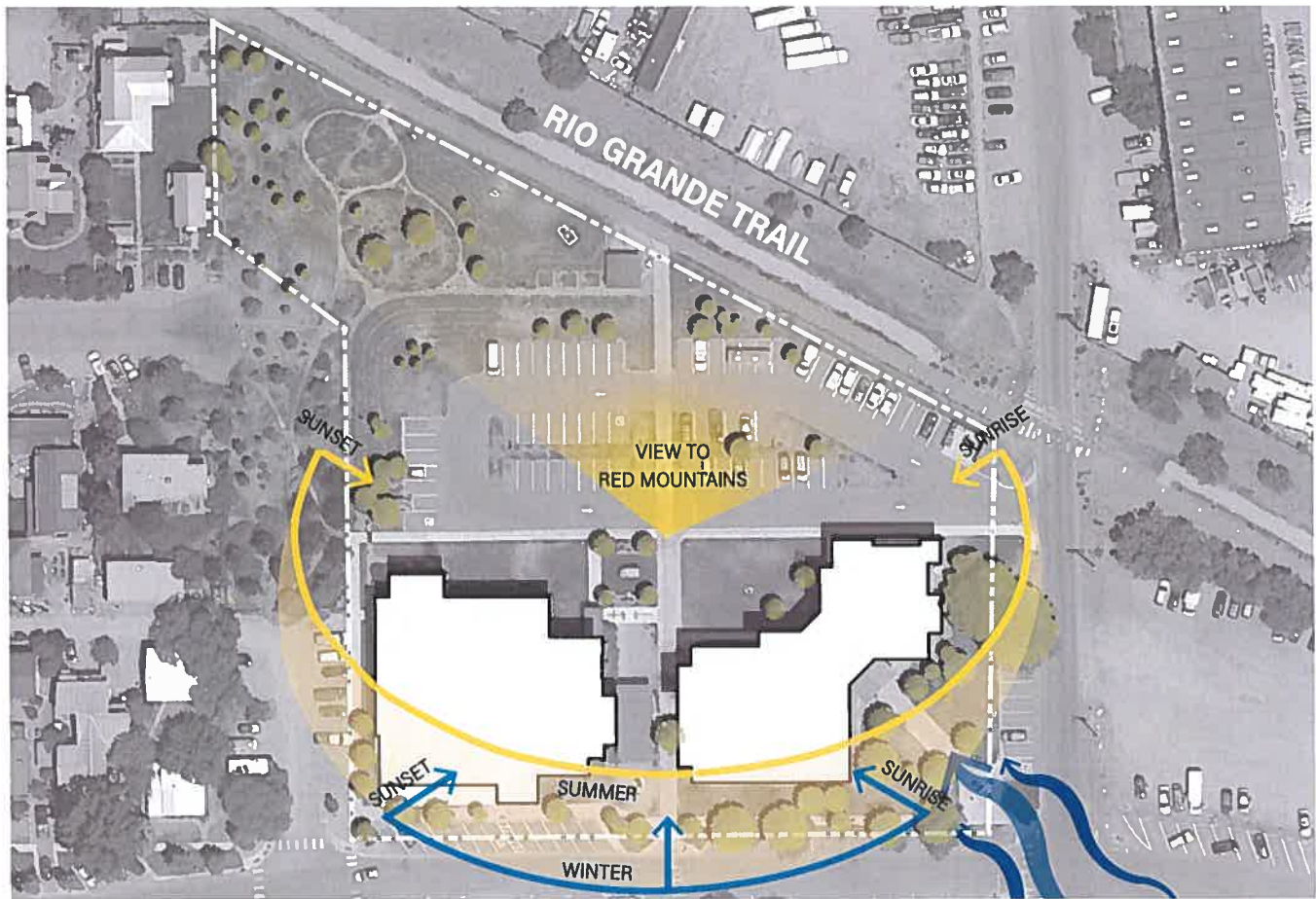
OPPORTUNITIES

- There are a number of mature trees that provide shade along the edges of the site
- Views to Sopris Park and Mt. Sopris
- Balance of solar exposure
- The site is protected from the wind, which helps create a better microclimate

CONSTRAINTS

- With the current pool alignment, it is difficult for the guards to see when lifeguarding
- Separation of wading pool is an operational challenge
- Hardscape seating is limited

ALTERNATE LOCATION | ENVIRONMENTAL ANALYSIS



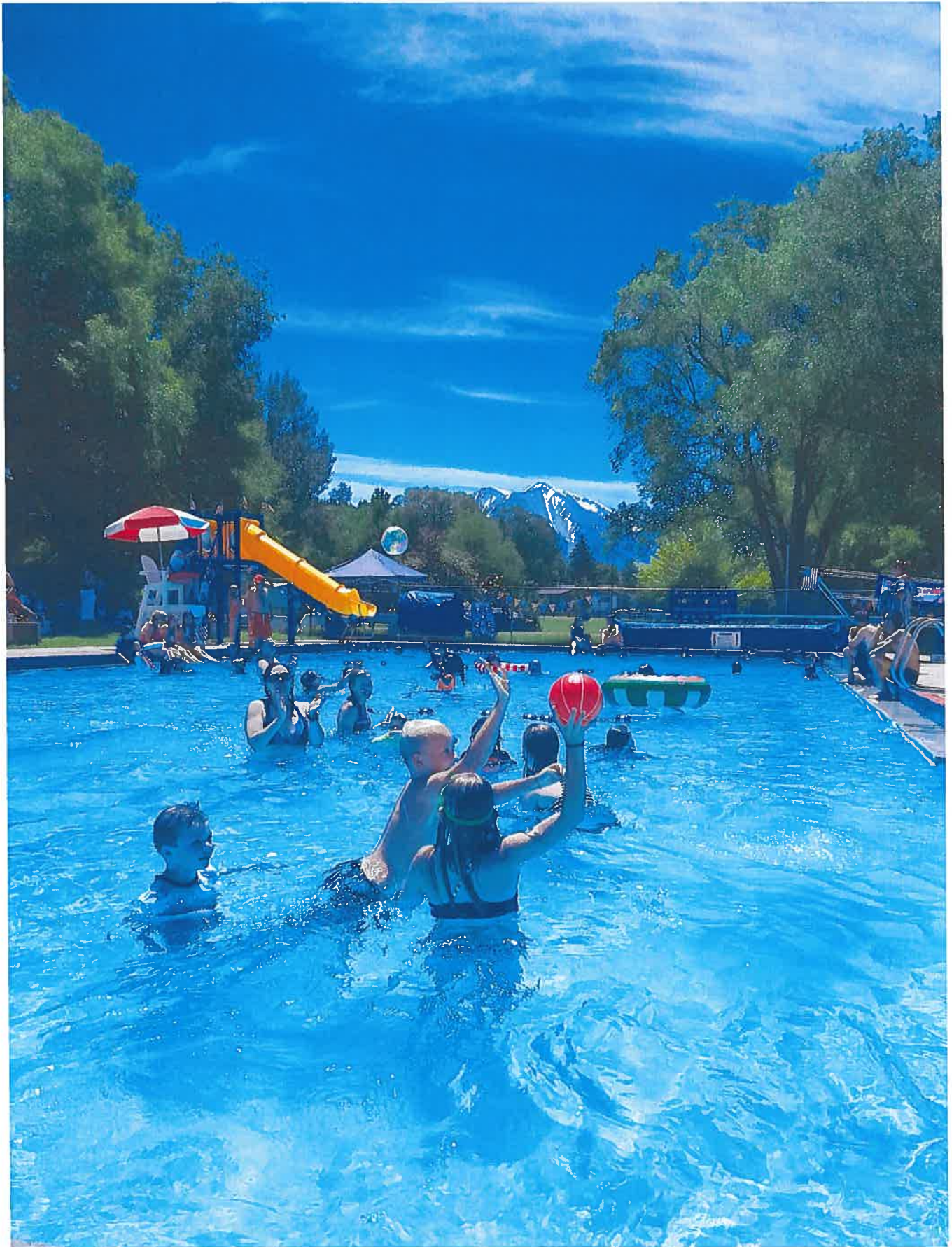
OPPORTUNITIES AND CONSTRAINTS | REC CENTER SITE LOCATION

OPPORTUNITIES

- Maximum sun exposure throughout the whole day
- Views towards Red Mountain
- The buildings help to protect the pool from the predominate wind direction experienced in the area

CONSTRAINTS

- Exposed northern edge
- No mature trees
- Views, noise, dust impacts



PLAN DEVELOPMENT AND PUBLIC INPUT

PLAN DEVELOPMENT PROCESS AND PUBLIC INPUT

SUMMARY

The Master Plan was developed over the course of 2020, and included a series of engagement activities to ensure the plan was based on robust data and broad community input. Engagement included coordination with a Working Group of community members, interviews with key stakeholders, meetings with the Parks and Recreation Commission and Board of Trustees, and an extensive community survey. Activities to support the plan development were completed in four phases:

1. Project Launch: Foundation of Understanding
2. Project Discovery: Imagining the Programming Possibilities
3. Project Focus: Evaluating Alternatives
4. Project Finale: Draft and Final Master Plan

PROJECT LAUNCH

To begin the project, the Working Group was convened to provide guidance for the overall effort. A call for volunteers for the group was put out by the Town and resulted in a group of 12 members representing diverse demographics and backgrounds. This group met twice during this phase to assist in the SWOT Analysis and identify key items to be addressed in the master plan. The group discussed location and seasonality options, including a high level review of other aquatics facilities in the Roaring Fork Valley. These inputs helped the team imagine different program potentials and amenities for the pool that would be tested in the community survey. The design team and town staff also reviewed project goals and community engagement plans with the Parks and Recreation Commission.

A key aspect of this phase of engagement were interviews with key Town staff stakeholders. Interviews were completed with the Town Manager, Finance Director, Parks and Recreation Director, and Pool Manager. These interviews helped the design team understand key considerations for the master plan, including:

- A likely overall budget of \$4M - \$6M, and likely funding mechanisms, such as the existing Recreation Sales and Use Tax, and General Obligation Bonds. The interviews indicated that additional taxes or funding from the General Fund are unlikely.
- Grants will be sought out as a source of additional project funding.
- Support for user fees to be based on benchmarks and industry best practices.

- Importance of providing a pool and building that is safe, accessible, and inclusive.
- Possibilities for a two-story building in the current location.
- Interest in exploring the current pool location and a relocation behind the Recreation Center.
- Importance to consider the connection to Sopris Park, including during Mountain Fair.

PROJECT DISCOVERY

The focus of this engagement phase was on gathering input for the community at large. A community open house was planned for the April First Friday Event. Due to stay at home orders from the COVID-19 pandemic, the team had to pivot from the in-person event to reliance on an online survey. Additional coordination with the Working Group in April yielded a detailed Community Survey that provided robust input from the community (see next section for details).

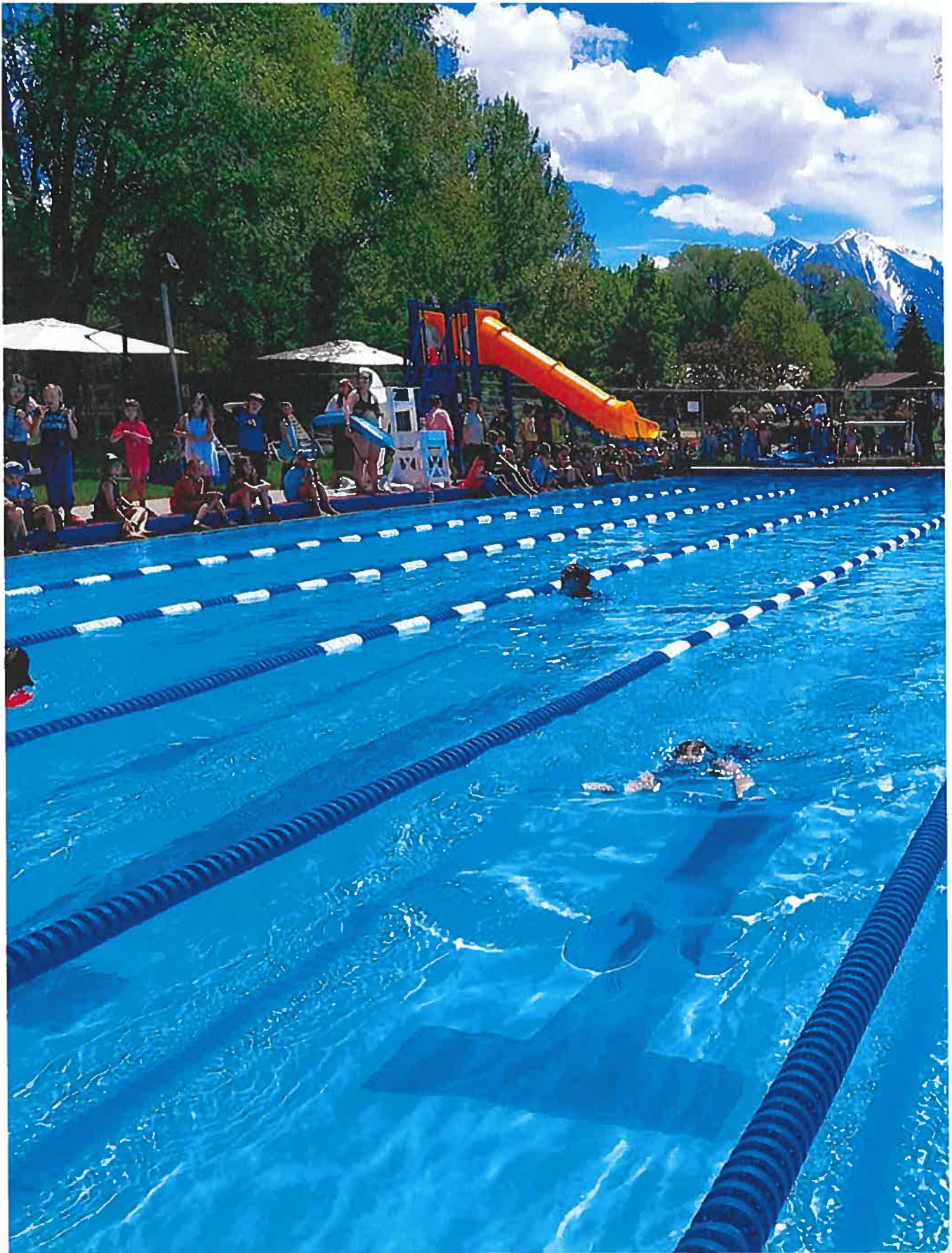
The survey was promoted through direct mailing to every address in Carbondale, an online social media campaign, and advertisements. Hard copies of the survey were printed in the Sopris Sun. These efforts focused on gathering input on program preferences and visions for pool improvements or areas to preserve that guided the design of conceptual alternative plans.

PROJECT FOCUS

Based on the data analysis and engagement in the first phases of engagement, a "kit of parts" was developed for the pool and resulted in conceptual alternatives for the master plan. This kit of parts was reviewed with town staff and the Working Group to refine the alternatives and move toward a draft master plan. The kit of parts and the review of alternatives are outlined in more detail later in this final Master Plan.

PROJECT FINALE

The design team met with the Parks and Recreation Commission and the Board of Trustees to present the draft master plan, including the kit of parts. Based on these conversations, there was an additional focus on energy usage, the inclusion of art, and a more detailed review of the location behind the Recreation Center. These ideas are explored in more detail in this final Master Plan. The Working Group and Board of Trustees met in mid-November 2020 to review and finalize the Master Plan.



COMMUNITY INPUT | SURVEY

INTRODUCTION

From May through mid-June, the town solicited community feedback related to the Carbondale Pool improvements through a survey. The survey was provided in English and Spanish and available in hard copies, including a printed insert in The Sopris Sun. Over 1,200 people participated in the survey, providing a diverse cross-section of the community and exceeding the target of 800 survey responses.

As part of the Carbondale Aquatic Facility Plan, the town and consultant team established goals for participation from youth and the Latinx community, who have been harder to engage in town projects in the past. As part of seeking participation, a Spanish translation of the survey was provided. Despite these efforts, a smaller percentage of individual survey respondents identified as Latinx or Hispanic than reflect the community demographics. The team used the community demographic report to weigh the survey to ensure the responses accurately reflect the community's demographics.

One of the Aquatic Facility Plan's key aspects is understanding what improvements the community desires for the pool, including physical amenities, programs, building features, and general operations.

KID SURVEY SUMMARY

In general, it is clear from the responses to the children's survey that the pool is a valued amenity for them. It is a place for them to cool off in the summer heat, play, and visit with friends and family. Multiple times with write-in comments, they said the pool was an inclusive place where everyone can come and have fun. This was something they enjoy about the pool currently and is essential in a future pool.

When asked about what they liked most about the current pool, common write-in responses included: the deep-end of the pool, grassy area, open swimming, diving board, accessibility of the current location (they can walk or ride their bikes to the pool), the slide, and lap swimming. The top three pool features that children respondents were most interested in for a new pool included (in order) water slide, agility course, and diving board, with lazy river and waves being top write-in comments. Children responded that lawn and shade areas, created either by trees or permanent shade structures, were essential for outdoor features. In regards to pool programming, open swim, swimming

lessons and lap swim were the top three responses. Lastly, children were asked what excited them about a new pool. Their common responses included extended hours/season, agility course, a larger kid zone and pool, a diving board, water slide, a hot tub, and a grand opening BBQ event.

ADULT SURVEY SUMMARY

The pool is seen as a community amenity that serves several functions. Respondents identified its role in maintaining health and well-being (80%), fitness (64%), and swim lessons and skill development (70%) was identified as important. For the people who visit the pool at least once per season, they are most often at the pool to cool off in the hot weather (24%), exercise (19%) and participate in kids activities or classes (18%).

From a programming perspective, there was significant support for swim lessons (90%), open swim (78%), lap swimming (74%), and fitness classes (66%). Additionally, several write-in comments supported the addition of "adult-only" hours at the pool. Programs that ranked lower included swimming leagues (34%) and kayak instruction (34%). Several write-in comments supported an improved space that can accommodate multiple groups and programming simultaneously, particularly for open swim and lap lanes.

Without asking to prioritize or consider costs, the survey showed the most support for lap lanes (75%), kiddie pool (70%), hot tub (58%), and diving board (57%), and less support for an agility course (30%), sports (volleyball, basketball, Etc.) (26%), or climbing wall (24%).

5 SURVEY TAKEAWAYS

1. The pool is viewed as a community amenity that plays a vital role in maintaining health and well-being, fitness, swim lessons and skills development.
2. There is a clear desire for diversified programming and features to meet children's and adults' desires and needs.
3. An updated building with showers, lockers, and changing rooms is both desired and needed.
4. There is both a desire and a need for additional shade and outdoor amenities to better accommodate families and small groups.
5. The majority want an outdoor pool with extended hours/season.

Help the Town of Carbondale create a vision for the renovation or replacement of the existing John M Fleet Pool, which is more than 40 years old.

Take the Survey starting in May & visit the website for updates for in-person opportunities to participate!

CARBONDALE.CO.EDU/TAQUA1125

Participate & receive a free Day Pass to the Pool or Recreation Center!

WHAT IDEAS DO YOU HAVE FOR THE CARBONDALE POOL?

Help Shape the Pool's Next 40 Years



TAKE AN ONLINE SURVEY

<http://bit.ly/CdalePool>

Survey will be available
May 6-June 7, 2020



Planning for the pool has been funded by Great Outdoors Colorado (GOCO)



DESIGN CHARRETTE: DAY 1

IDENTIFYING A KIT OF PARTS

OVERVIEW OF THE DESIGN CHARRETTE

As part of the engagement process, a two-day Design Charrette was held with the Working Group. Beginning with the public survey input, a series of sketch plans were generated to test program ideas within the site. The result was a “Kit of Parts” that could make up the new Carbondale pool. These included different pools, seating, shade, a splash pad, building, among others, that served as the basis for the different types of elements and amenities desired at the pool. The flexibility to apply these features through different design interpretations or site locations, and establish the project program for the future, proved to be an essential basis for discussion in the charrette.

The charrette’s first day focused on the kit of parts and reviewed the most important elements to bring forward. The second day focused on thematic principles, where the Working Group identified key themes that the updated pool facilities needed to address.

KIT OF PART FEATURES

The Kit of Parts is divided into three main design elements: aquatic features, the building, and the site. This section summarizes the Working Group feedback related to these elements on the first day of the charrette.

AQUATIC FEATURES

- Given the interest in increased programming and some separation between youth and family swimming and adult swimming, the group identified a desire for two separate pools - an entertainment pool and a lap pool.
- With interest in lap swimming from the community input, the Working Group identified a full-length lap pool as an essential element to include.
- Because different programming requires different pool temperatures, the staff and Working Group highlighted the importance of water temperature control based on use. This is more easily accommodated in two separate bodies of water.
- The ability to provide swim lessons and water safety courses came up in the feedback and was considered an essential element to accommodate in the entertainment pool.
- The Aquatics Manager discussed the importance of lifeguards having eyes on the different pool areas at all times. This led to a discussion about solar exposure

and guided the group to an east-west alignment for the pools, flipping them from the current north-south alignment.

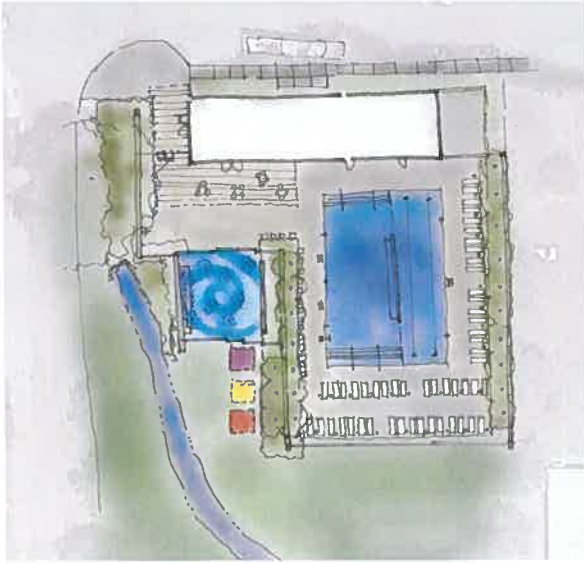
- While there was interest in a curvilinear design, these are less cost-effective than rectilinear pools. For this reason, the Working Group supported moving forward with rectangular pool shapes.
- With support from the community survey, a hot tub feature was included as a potential element that could be phased over time.
- Throughout the feedback, a splash pad element was identified as an important element to include that could be phased over time.

BUILDING

- The building was identified as the number one feature at the pool to upgrade. For this reason, the Working Group focused on ensuring basic pool infrastructure and amenities, such as showers, family and gender-neutral changing rooms, lockers, and check-in space, can be accommodated in an updated building.
- The majority of the Working Group supported designing a building that maximizes the land area available by serving some other community need. With the possibility of having a two-story building, the opportunity to create housing, space for a yoga or dance studio, etc. could be accommodated in the building.

SITE

- Both the Working Group and the survey supported either extended hours or an extended season. Two ways to address this desire are a splash pad, which doesn’t require lifeguards and could open before the pool does, and a lap pool.
- The idea of strengthening and improving the connection to Sopris Park on the south side of the site was a key theme from the survey and supported by the Working Group. This was born of a desire to have these two public amenities better support each other and build off of each other.
- Food service was highlighted in the survey and raised by the Working Group. A space for outside vendors to provide periodic food services was supported and can be accommodated on the site.



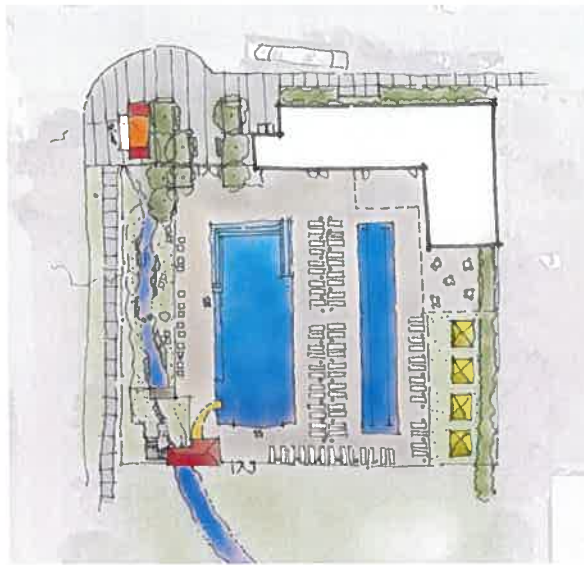
SKETCH PLAN #1

PROS

- Sliding gates allow for the splash pad to be accessible to the public even when the pool is not open
- Splash pad does not require extra lifeguards
- Allows for both open swim and lap swim
- Building is large enough to accommodate current needs

CONS

- Design of the pool does not solve the issues facing the pool today
- There is no separate pool for open swim and lap swimming, which makes it challenging to control varied pool temperatures for different uses
- Building could be bigger to meet future needs
- Doesn't integrate as well into the park as it could



SKETCH PLAN #2

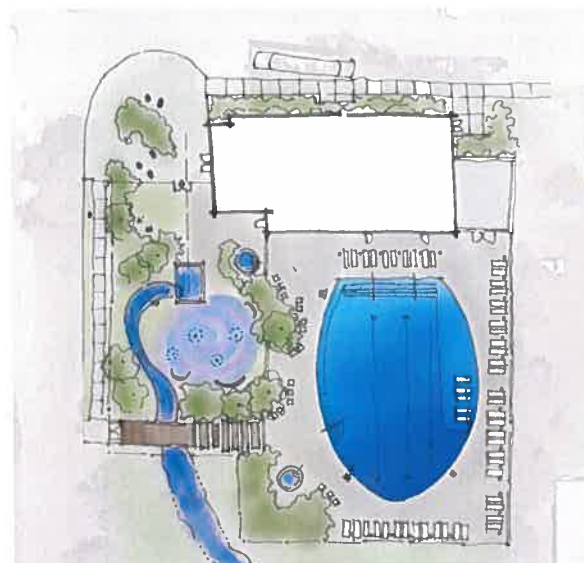
PROS

- There are permanent shade structures
- Building is large enough to accommodate current and future needs
- Space for 3rd party food vendor that provides concessions for pool
- Transition from the family area with high energy (play area/entertainment pool) to lower energy/quieter area at the lap swim area

- Secondary access to the pool
- Lap pool closer to the building which would be suitable for either extended season or year-round usage
- Sidewalk connection on the western side

CONS

- Pools are aligned north-south instead of east-west, so the sun is in lifeguards' eyes majority of the day, making it challenging to do their job



SKETCH PLAN #3

PROS

- There are a play area and splash pad area that don't require additional lifeguards
- There are hot tubs
- Zero-entry into the pool
- The building is large and has a secondary entry to it for possible future uses on the second floor

CONS

- Design of the pool does not solve any of the issues facing the pool today
- There isn't a separation between lap swimming and open swim areas

DESIGN CHARRETTE: DAY 2

ESTABLISHING THEMATIC PRINCIPLES

INTEGRATED ART

Carbondale has a visible and robust art community thanks to groups like the Carbondale Arts. A new pool presents an opportunity for design collaboration and to further integrate art into the public landscape.



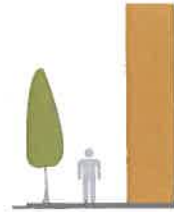
INCREASED CAPACITY

The current pool has a maximum capacity of approximately 200 people (180 in the main pool + 20 in the wading pool). To meet current market and demographic trends, the aquatic facility capacity should be increased.



DOWNTOWN ORIENTATION

The pool is situated in the heart of downtown Carbondale. Its location and orientation along Main Street are vital. A proposed building design should be oriented towards Main Street with scale, mass and form similar to other buildings along the right-of-way.



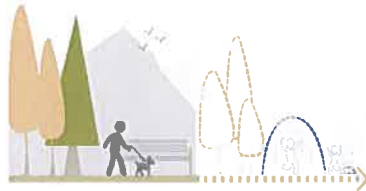
MULTI-USE BUILDING

As real estate demand continues to increase in Carbondale, town-owned land can be thoughtfully considered to address the programming of multiple community needs. A new building should include standard bathhouse amenities right-sized for the aquatics programming and consider other community uses.



EXTENSION OF SOPRIS PARK

The John M Fleet Pool abuts Sopris Park in Carbondale. Despite being next to each other, the pool's current setup is cut off from the park. From the design charrette and survey, it became clear there was a desire for the pool and park to be better integrated. The proposed design should explore opportunities to integrate programming and landscaping with the park edge.



PHASING

The proposed design should consider opportunities for phasing over a period of time as funding is available.



GENERATIONAL AND PROGRAMMING DIVERSITY

There is a wide age range of people coming to the pool, from young children to seniors. The proposed programming, operations and aquatic features should appeal to a broad range of user groups.



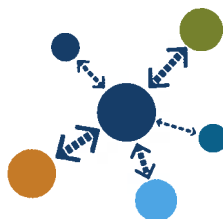
SHADE OPPORTUNITIES

The proposed design should provide increased opportunities for permanent shade – whether from landscaping or permanent shade structures.



IMPROVED CONNECTIONS

Redevelopment of the site is an opportunity to widen the Main St. sidewalk, improve flow to the bus stop and add missing connections to Sopris Park.

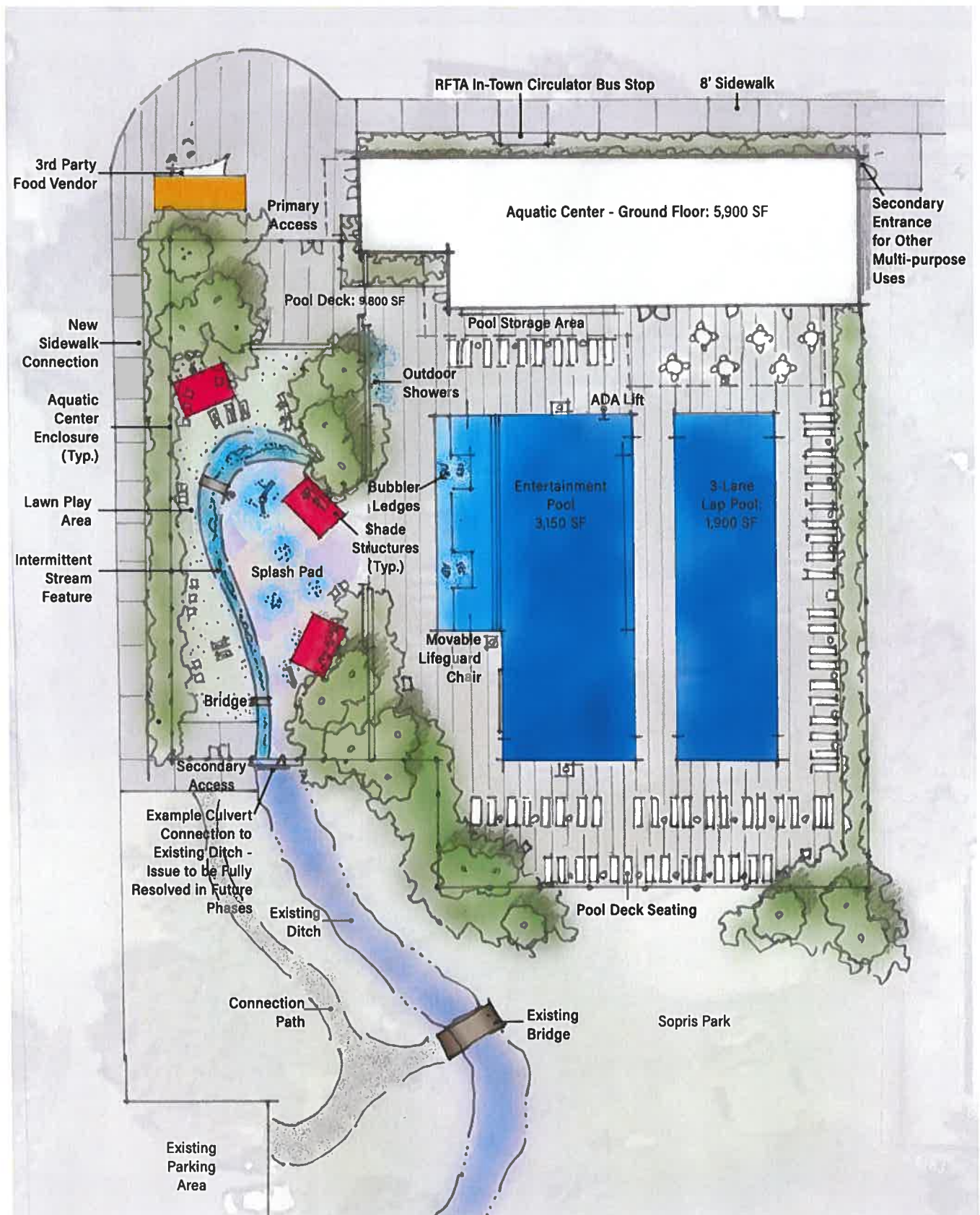


SUSTAINABILITY

Operating an aquatics facility is often a community's largest municipal use of energy. The proposed design and operations should consider technology strategies to reduce energy and water use while integrating renewable energy sources.



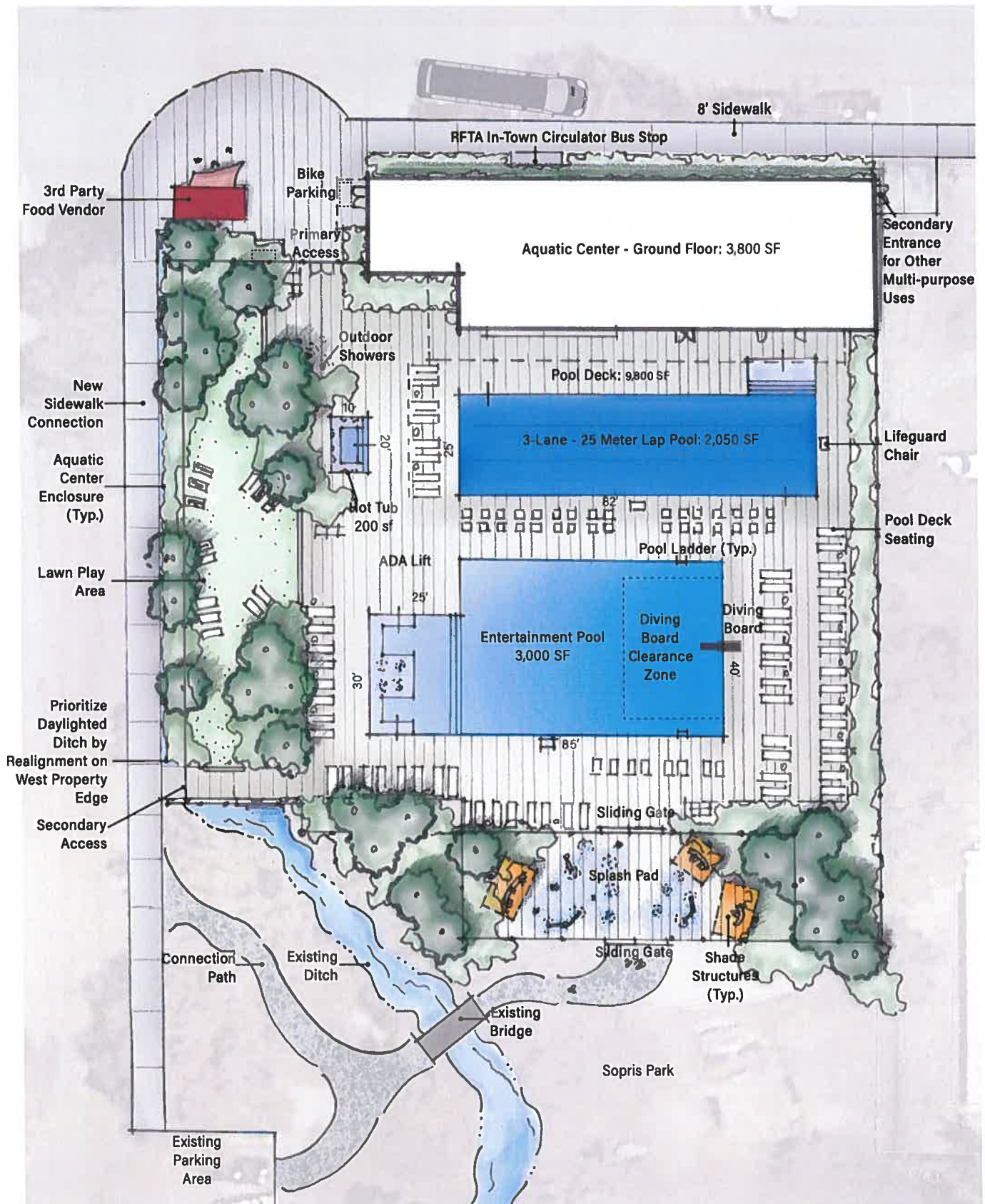
CHARRETTE SKETCH IDEAS





REFINED CONCEPTUAL PLAN

REFINED CONCEPTUAL PLAN



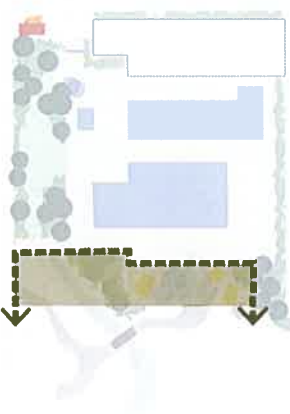
THEMATIC PRINCIPLES IN ACTION



INTEGRATED ART



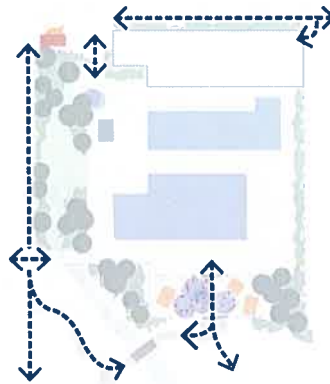
DOWNTOWN ORIENTATION



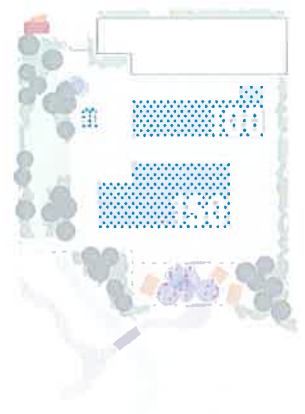
EXTENSION OF SOPRIS PARK



**GENERATIONAL AND
PROGRAMING DIVERSITY**



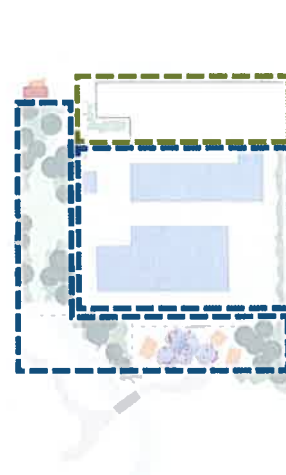
IMPROVED CONNECTIONS



INCREASE CAPACITY



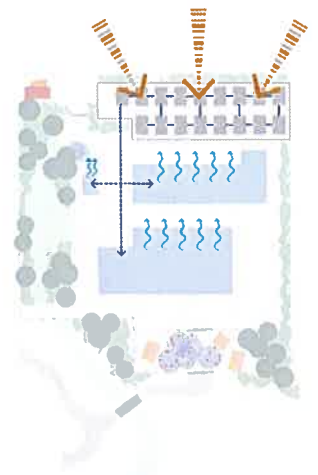
MULTI-USE BUILDING



PHASING



SHADE OPPORTUNITIES



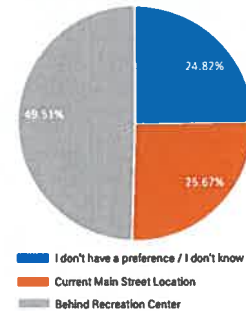
SUSTAINABILITY

EVALUATING LAND AREA AT THE REC. CENTER SITE

TESTING THE KIT-OF-PARTS

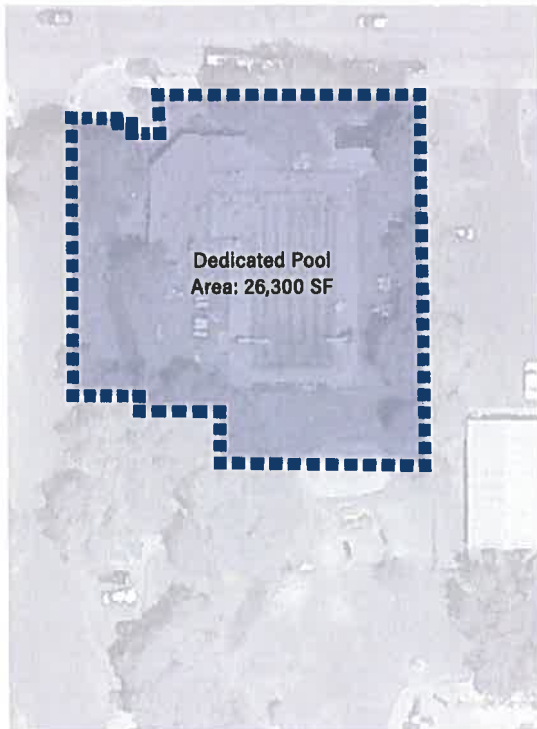
Approximately half of survey respondents considered land behind the Recreation Center to be the best long-term location for the pool. The kit-of-parts were tested in the northern section of the parcel with parallel goals of maintaining room for future Police, Town Hall and Rec Center expansion. Discussions with the working group, adjacent neighbors and Board of Trustees considered opportunities and constraints with the conclusion the Sopris site was the best long-term location for the pool.

Q3. Based on land currently available to the Town, the pool could remain in its current Main Street location or could be relocated behind the Recreation Center. In your opinion, which is the best long-term location for the Carbondale Pool?

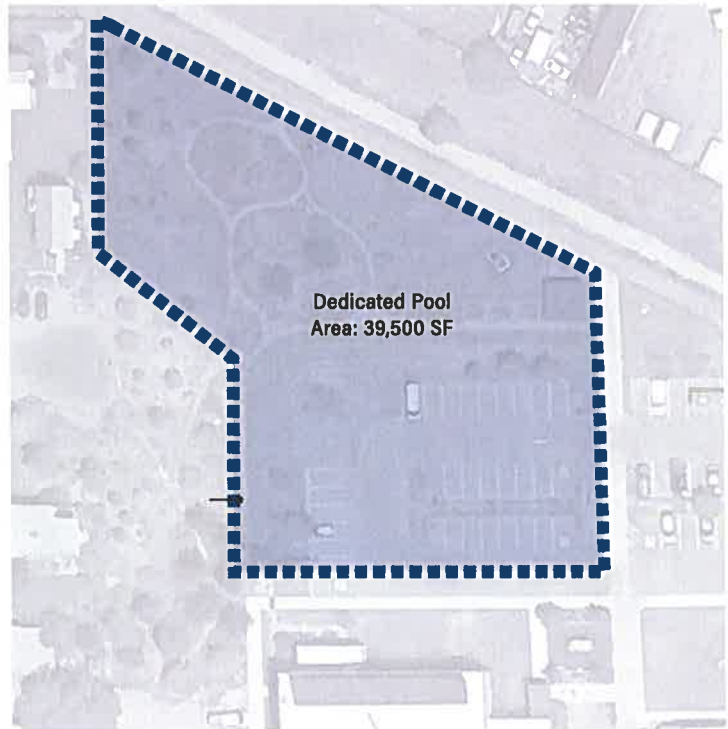


LAND AREA COMPARISON

SOPRIS SITE LOCATION



REC. CENTER SITE LOCATION



TESTING KIT OF PARTS | OPPORTUNITIES AND CONSTRAINTS

Listed below are the Opportunities and Constraints for kit-of-part for the Northern portion of the Rec Center site.

OPPORTUNITIES

- Synergies with the Recreation Center Programming
- Still allows for future expansion of the Recreation Center, of the pool, and Town Hall
- Site easily accessible via walking or biking
- Next to Rio Grande Trail

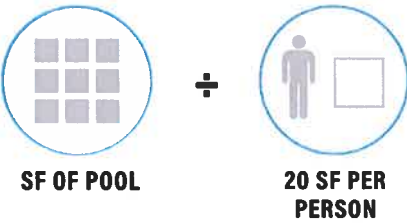
CONSTRAINTS

- Reduces pedestrian circulation to Rio Grande Trail.
- Reduces parking for existing site uses.
- Recreation Center would need remodel to function as a front desk for the pool and recreation center.
- Synergies with the Rec. Center don't result in significant cost savings.
- Reduction in Carbondale's inventory of open space.
- Noise and privacy concerns due to proximity of programmed activities adjacent to residential living areas.
- Limits future expansion for Rec Center, the pool, and Town Hall.

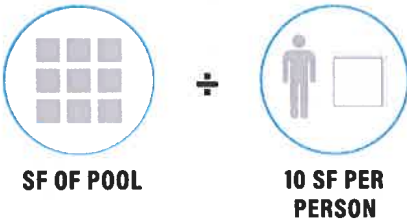
POOL CAPACITY

STANDARDS FOR DETERMINING CAPACITIES

FOR POOLS

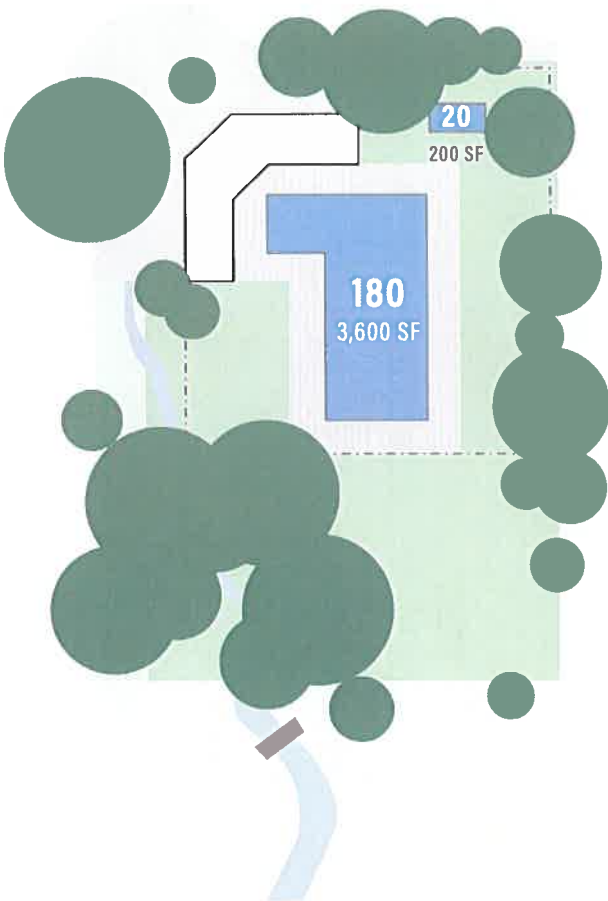


FOR HOT TUBS OR WITH DEPTH LESS THAN 5'

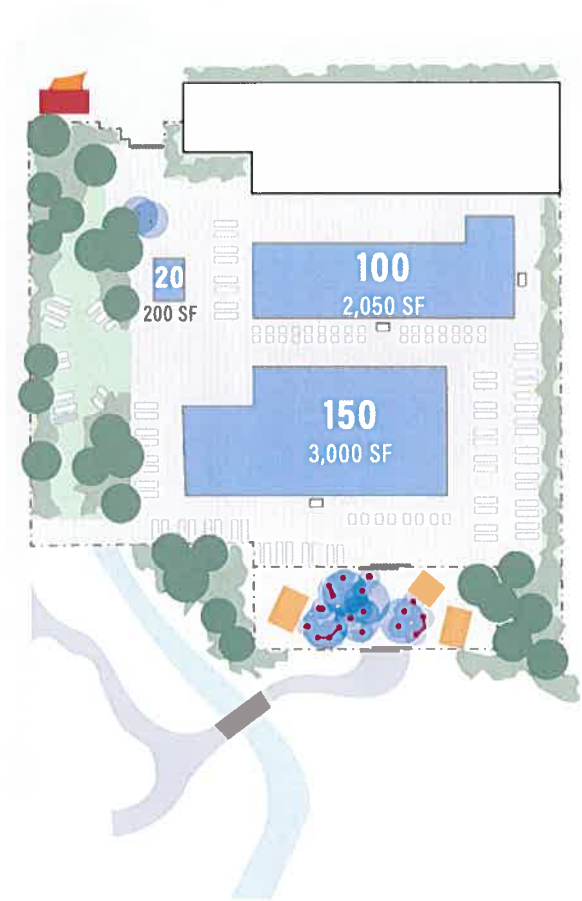


COMPARING EXISTING TO PROPOSED POOL CAPACITY

EXISTING CAPACITY: 190 PEOPLE



PROPOSED CAPACITY: 270 PEOPLE



EVALUATING POOL ORGANIZATION AND LIFEGUARD SCENARIOS

STANDARDS

Aquatics Facility Operator manual and the Colorado Department of Public Health and Environment Water Quality Control Division for Swimming Pools and Mineral Baths. To perform their duty, a lifeguard must be able to do the following:

- Identify and make initial contact with a victim within 30 seconds
- Have an unobstructed view of their zone
- Be able to scan their zone every five seconds
- See the main drains at the bottom of a pool

STAFFING

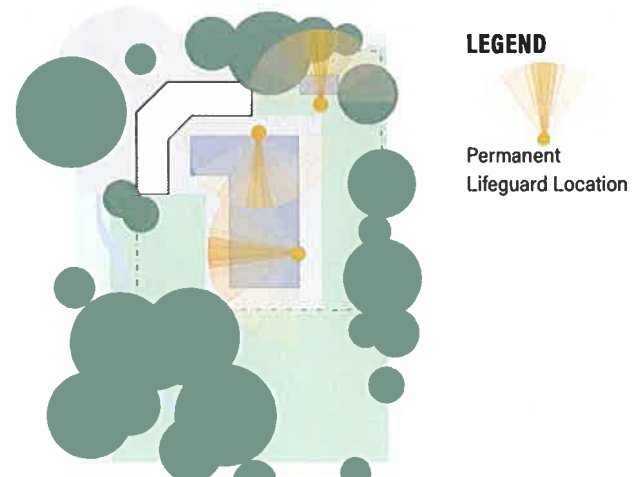
Regulations do not exist that specifically specify a ratio for the number of lifeguards to swimmers. Determining the number of lifeguards needed depend on the ability of a lifeguard to reach a victim with the 30 second time frame, the shape of the pool, and the programming. Most of the season the pool will be able to be staffed by 3 lifeguards. However, during busier times, such as the 4th of July, an additional temporary lifeguard may be needed.

During a work shift, lifeguards are rotated between the pools in 20 minute intervals currently. So long as a lifeguard is able to see the full bottom of a pool, they may stand or sit on the lifeguard chair platform, or walk up and down the edge of their zone.

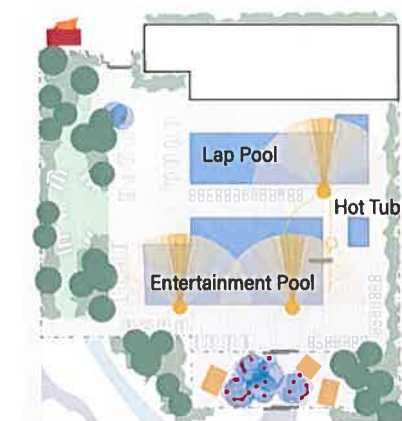
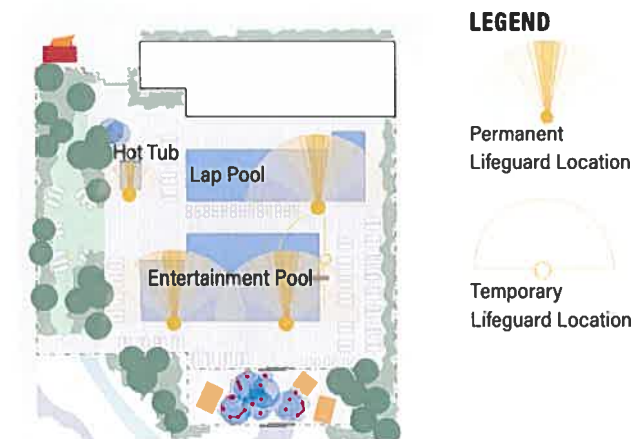
POOL ORGANIZATION

The configuration of water bodies on the site determines the minimum number of lifeguards needed to staff a pool. The following diagram present the existing and two alternate lifeguard scenarios for the proposed conceptual design. Note: The hot tub's location is flexible. Moving the location of the hot tub can increase or decrease the minimum number of lifeguards needed to staff the pool.

EXISTING LIFEGUARD SCENARIO



REFINED CONCEPTUAL DESIGN LIFEGUARD SCENARIOS

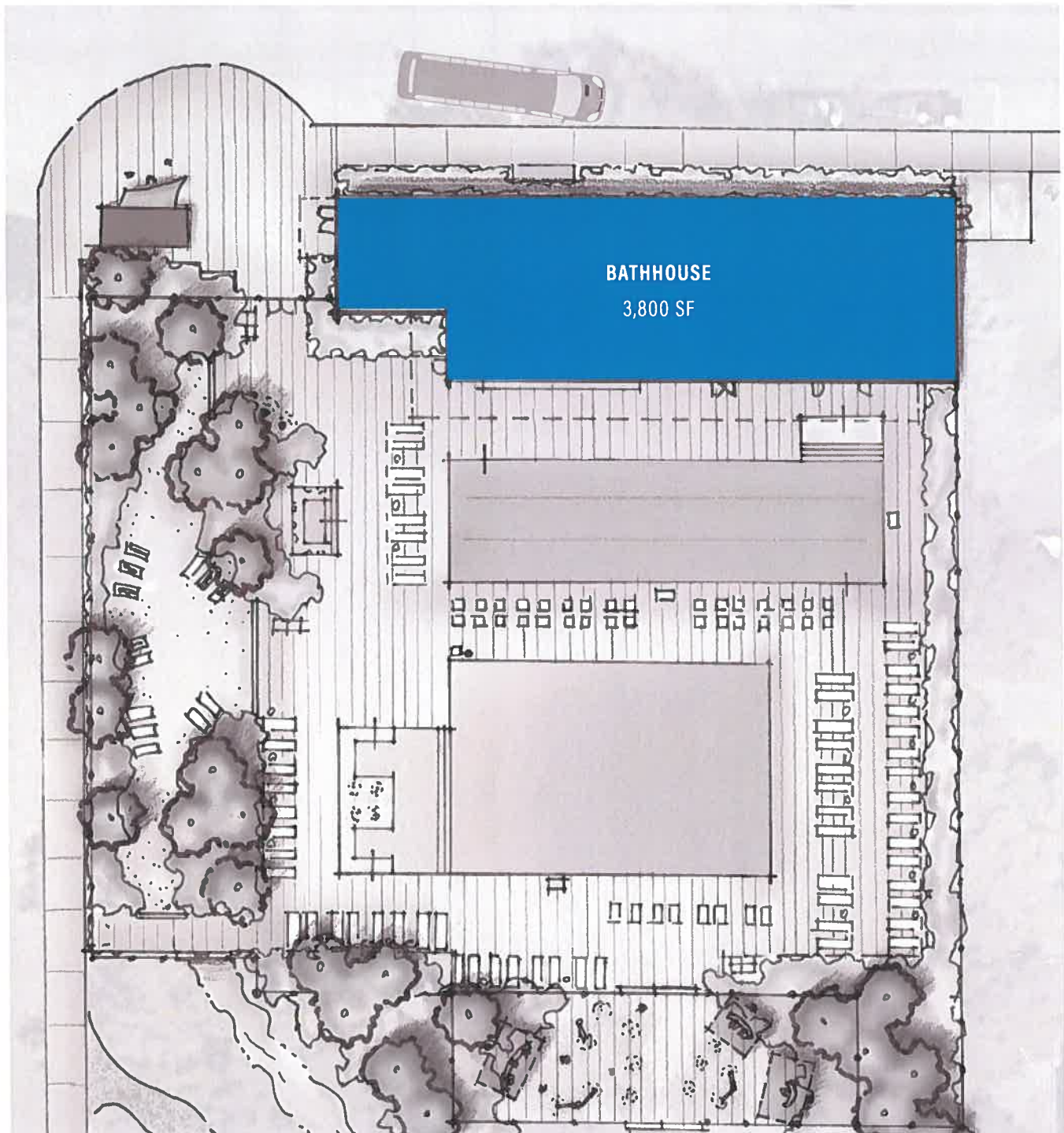


BATHHOUSE PROGRAMMING

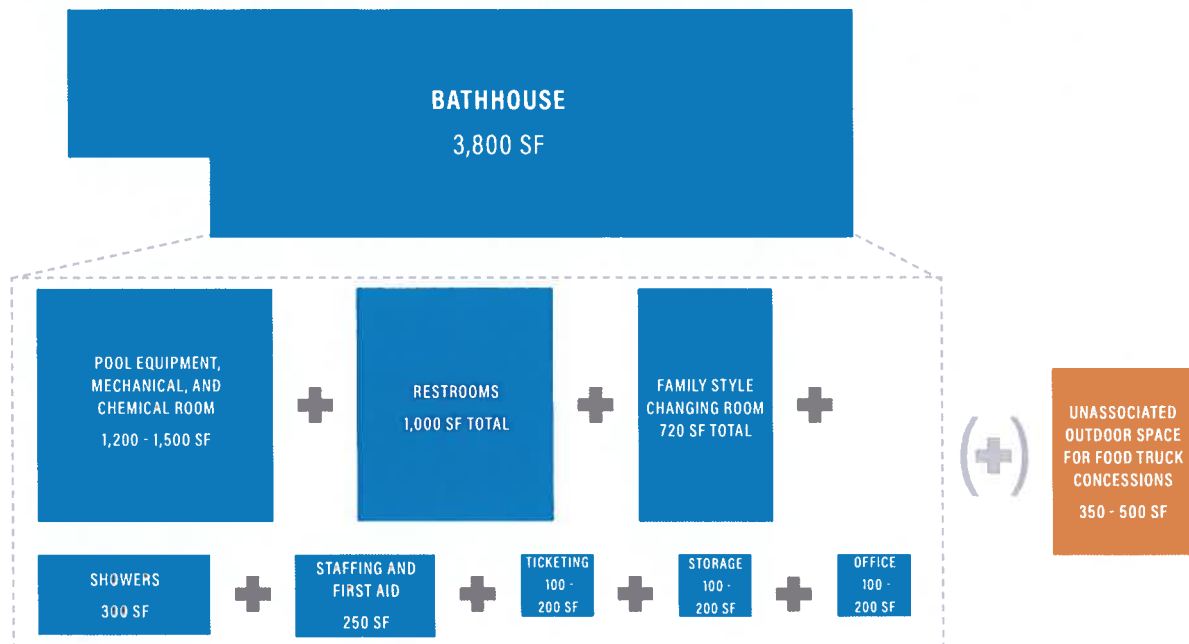
TYPICAL SPACE NEEDS

After evaluating the survey results and consulting the Working Group, it was determined a new pool facility should accommodate the space needs of a typical bath house.

These facilities typically include; ticketing area, office space, staffing area, storage space, family changing rooms, restrooms, showers, pool equipment, and chemical room storage.



BREAKING OUT THE COMPONENTS OF A TYPICAL BATHHOUSE



EXAMINING COSTS ASSOCIATED WITH A TYPICAL BATHHOUSE

	Small SF Estimate	Cost Estimate		High SF Estimate	Cost Estimate		Average SF Estimate	Cost Estimate
Pool Equipment, Mechanical, and Chemical Room	1,200	\$635,000		1,500	\$794,000		1,350	\$715,000
Restrooms	1,000	\$529,000		1,000	\$529,000		1,000	\$529,000
Family Style Changing Rooms	720	\$381,000		720	\$381,000		720	\$381,000
Showers	300	\$159,000		300	\$159,000		300	\$159,000
Staffing and First Aid	250	\$133,000		250	\$133,000		250	\$133,000
Office	100	\$53,000		200	\$106,000		150	\$80,000
Storage	100	\$53,000		200	\$106,000		150	\$80,000
Ticketing	100	\$53,000		200	\$106,000		150	\$80,000
Totals	3,770	\$1,996,000		4,370	\$2,314,000		4,070	\$2,157,000

HOURS AND SEASONALITY

It is clear from previous surveys, the current survey and the Working Group that an extended hours and season is desired by the community. Extending the time the pool is open requires adjustments to programming and staffing. The proposed plan provides flexibility in how the Town addresses extended hours and season. Important considerations include the number of visitors, staffing requirements, and overall costs.

With these considerations in mind, a splash pad was added and the possibility of having a year-round lap pool was incorporated into the plan. The splash pad provides an option for water play that does not require a lifeguard, and can be open for more weeks in the year. Lap pools are typically kept cooler than family pools, and lap swimmers can be more comfortable swimming in cooler weather. The inclusion of a separate lap pool could provide an option for either longer hours or a longer season.

A number of survey comments supported extended hours. While the design can influence this, staffing and programming are the key drivers for extended hours. By providing some key programming - for instance adult swim on the first Saturday of the month, or teen swim on Wednesday nights, there is predictability in programming that can increase visitors to provide justification for the expanded staff. This can also influence overall cost recovery for the extended hours.

As the Town is considering how to program the new pool, it is important to keep in mind that expanded programming can be accommodated in the design through the use of different water bodies that can be programmed simultaneously. The charts included in this section outline the full hour and season potential with the design, but would need to be balanced with staffing availability and overall programming each season.

COMPARING EXISTING SEASON TO POTENTIAL EXPANDED SEASON

	April	May	June	July	August	September	October
Existing		Memorial Day				Labor Day	
Proposed	Mid-April						Early October

COMPARING EXISTING HOURS TO POTENTIAL HOURS

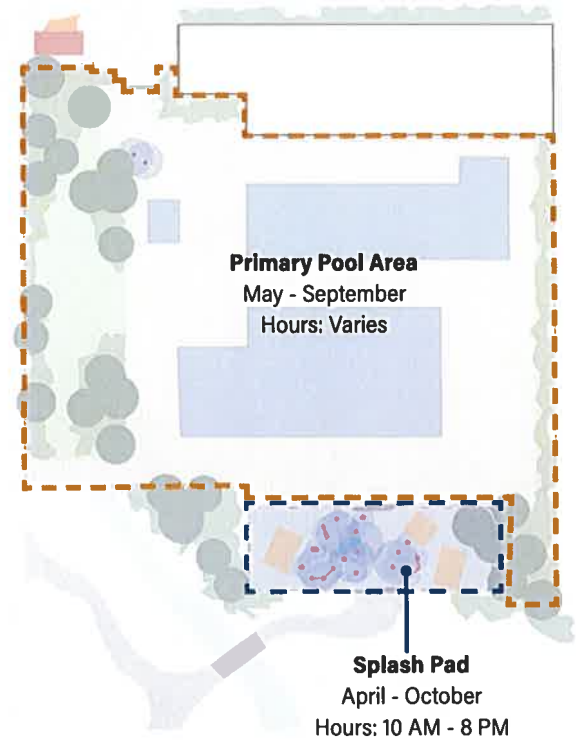
Time	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
6:00 AM							
6:30 AM							
7:00 AM							
8:00 AM							
9:00 AM							
10:00 AM							
11:00 AM							
12:00 PM							
1:00 PM							
2:00 PM							
3:00 PM							
4:00 PM							
4:30 PM							
5:00 PM							
5:30 PM							
6:00 PM							

LEGEND

- Existing Hours of Operation During High Season
- Potential Hours of Operation During High Season

Lap Pool: 6:00 am - 6:00 pm
 Entertainment Pool: 10:00 am - 6:00 pm

EXPLORING EXTENDED SEASON ON PROPOSED SITE



SUSTAINABILITY AND EFFICIENCY

DEFINING SUSTAINABILITY

Building sustainability is essential to the Town of Carbondale. Because there are no established standards for defining sustainability for water bodies like a pool, the Master Plan proposes that the building and pool be reviewed separately in terms of sustainability metrics. For the building, established LEED standards should be referred to for defining sustainability. For the pool, sustainability should be defined as a reduction of energy and water usage.

SETTING GOALS

THE BUILDING

Due to the rating system of LEED and the site itself, it is improbable that the building will be able to qualify for any level of LEED certification. However, this should not prohibit the building from following LEED Platinum guidelines in its design and development.

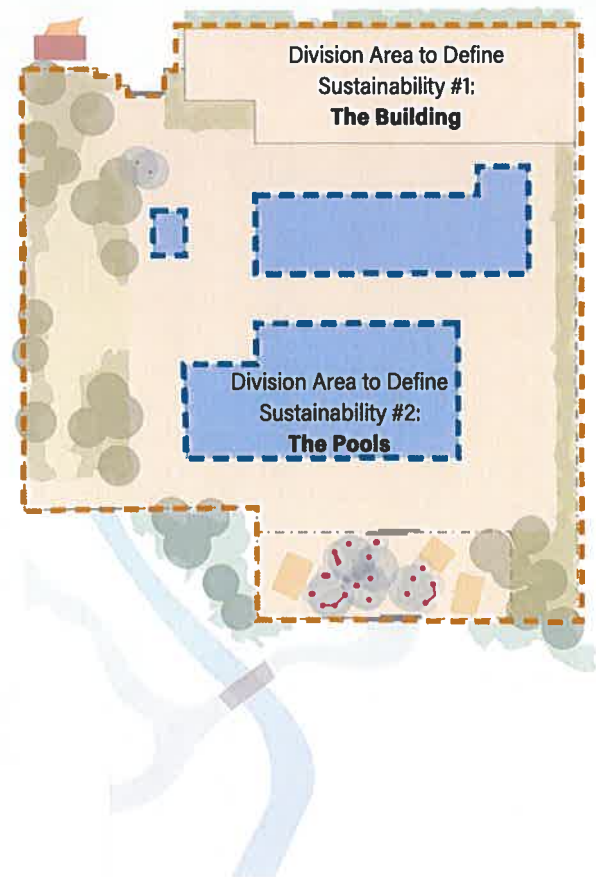
THE POOLS

Using a variety of available technology and best operational practices, the future design phases should strive for a 40% reduction in energy and water use.

TECHNOLOGY

There is a toolkit of technology that can be explored to reduce water and energy consumption at the Carbondale Aquatic Facility. The following is a list of some of the current available technology.

- Buy/lease solar power
- Buy/lease wind energy
- Ground source heat pumps
- Geothermal (site space is limited for this)
- Provide PV panels
- Solar hot water panels
- Defender pool filters
- UV water filtration
- High performance glass/windows on the building
- Low-water use plumbing fixtures
- Capture rain water for plantings
- Change from natural gas equipment to electrical and buying sustainable energy



MULTI-USE BUILDING

FOUR DIFFERENT LOOKS AT A MULTI-USE BUILDING

The Master Plan includes an option to expand the building at the pool site. This building expansion could provide a home for a number of different uses on the second level. As a design for the Aquatics Facility progresses to detailed design, these uses should be considered and incorporated.

1. RENTABLE COMMUNITY MEETING ROOM

- Generates revenue
- Fulfills community need for a space to hold trainings or host gatherings
- Space would be flexible to accommodate a variety of needs for the community
- Would require someone to work the schedule of the space

2. AQUA FITNESS / FITNESS STUDIO

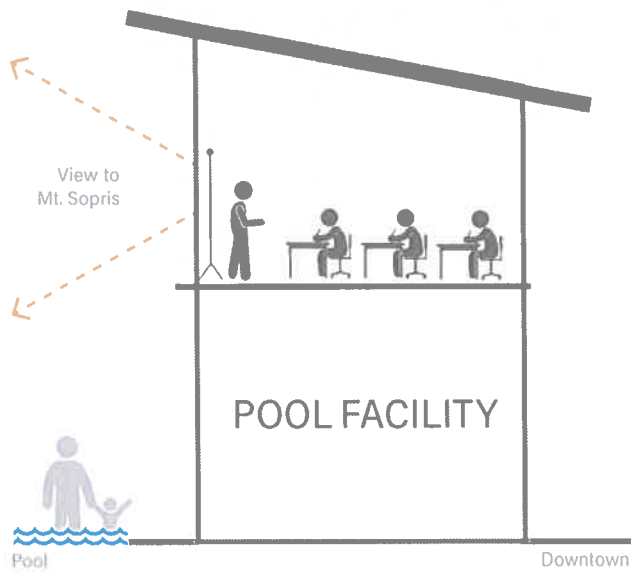
- Place with yoga, dance, or other type of group training
- Classes could be in collaboration with the pool facilities
- Fulfills an area the Recreation Center doesn't have
- Could be third party or part of the Recreation Center
- Would require someone to work the schedule of the space

3. MEDICAL OFFICE

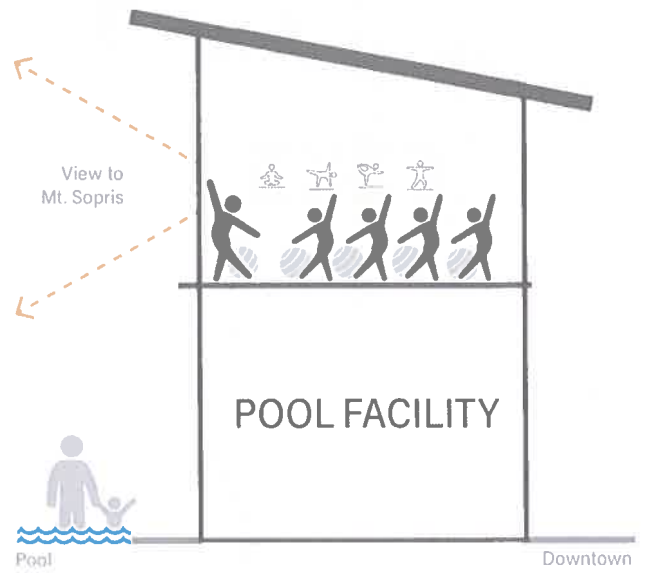
- Likely a private operator
- Could be physical therapy, or physical training
- Could work in collaboration pool and use pool facilities
- Potential need for therapy pool
- Has the potential to bring in additional revenue for the aquatics facility

4. EMPLOYEE AFFORDABLE HOUSING

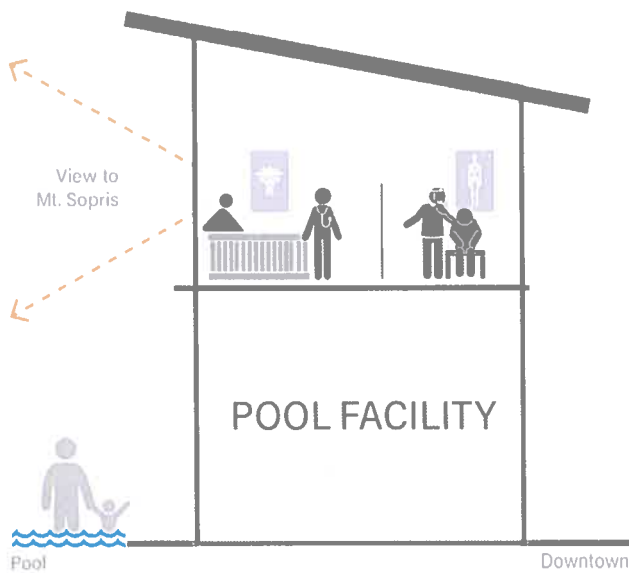
- Rental apartments
- Help fulfills a community need
- Great location for apartment housing



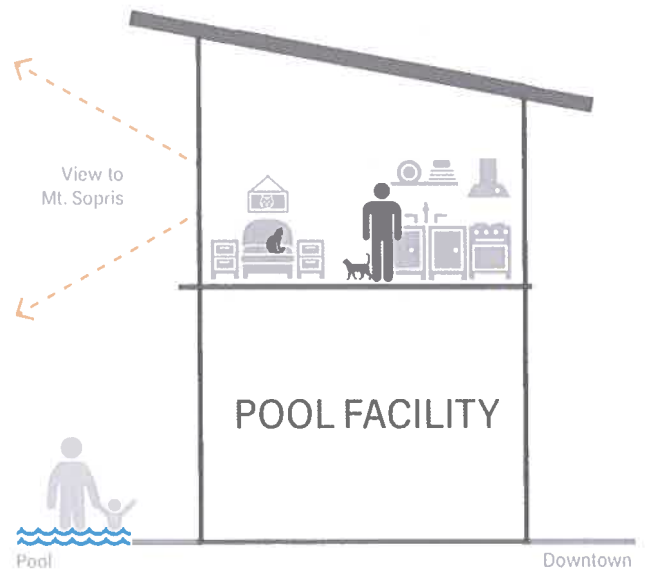
RENTABLE COMMUNITY MEETING ROOM



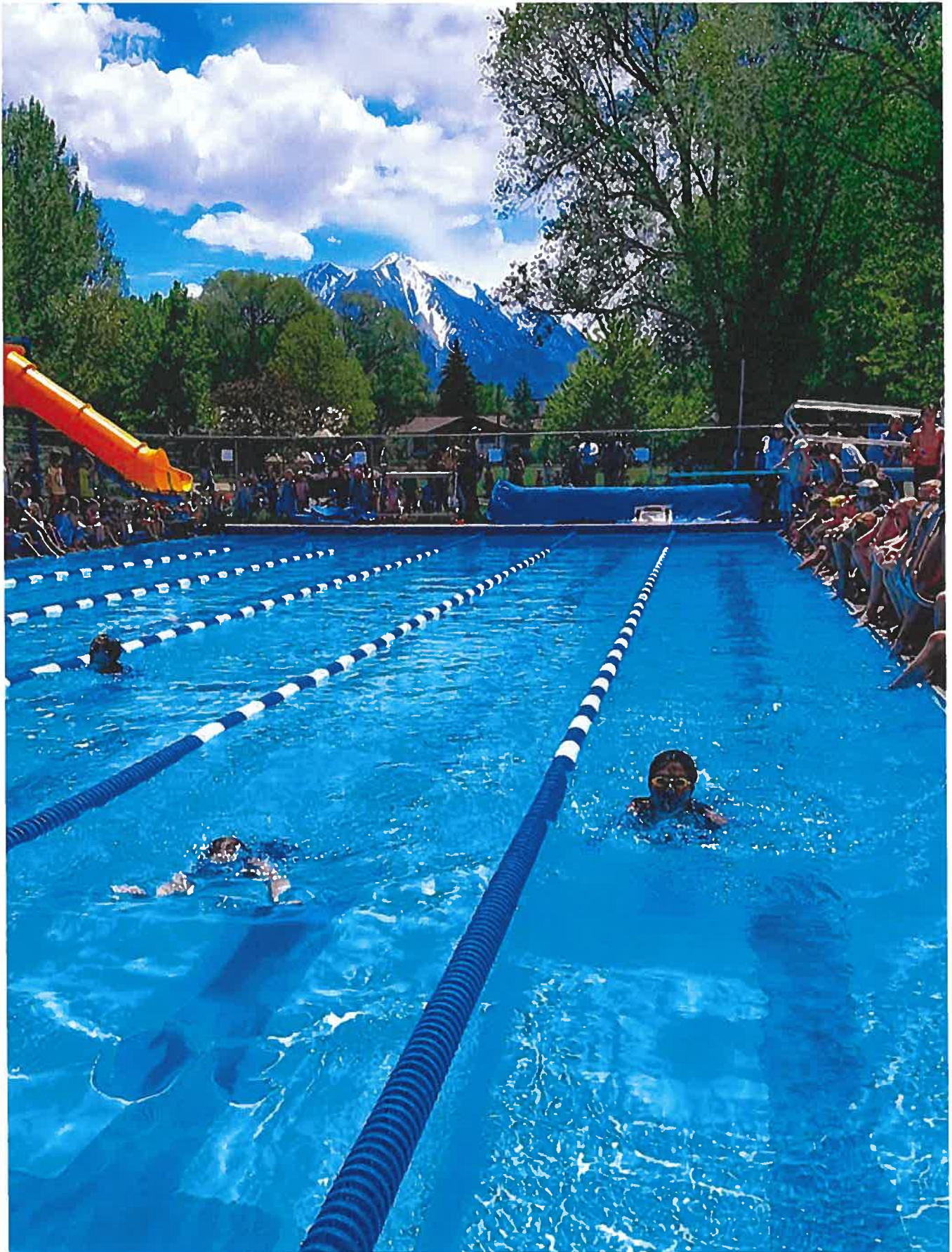
AQUA FITNESS / FITNESS STUDIO



MEDICAL OFFICE



EMPLOYEE AFFORDABLE HOUSING



OPERATIONS, COST AND FUNDING

OPERATIONS ANALYSIS

The operations plan developed numerous options for consideration including a traditional swim season (about 13 weeks) and an expanded season (additional 13 weeks). The technology and operating systems of a new pool will allow for expanding the season should the Town want to extend their aquatic program. In addition to the traditional and expanded models, the consultants also included a range of high, medium and low for each option. A typical cost recovery for a municipal pool is between 30% and 50%. While the Town should consider these as the standard recovery for the new pool, the analysis revealed the potential for higher recovery rates with an expanded season and hours. The significant upgrades to the pool itself and associated site improvements will likely bring more interest and visitors to the pool over the course of time.

OPERATIONS

The operations analysis represents a conservative approach to estimating expenses and revenues and was completed based on the best information available and a basic understanding of the project. Fees and charges utilized for this study reflect a philosophy designed to meet a reasonable cost recovery rate and future operations cost and are subject to review, change, and approval by the Town of Carbondale. There is no guarantee that the expense and revenue projections outlined in the operations analysis will be met as there are many variables that affect such estimates that either cannot be accurately measured or are subject to change during the actual budgetary process.

EXPENDITURES

Expenditures have been formulated on the costs that were designated by Ballard*King and Associates to be included in the operating budget for an outdoor aquatic center. The figures are based on the size of the facility, the specific components of the facility, and the hours of operation. All expenses were calculated to the high side and the actual cost may be less based on the final design, operational philosophy, and programming considerations adopted by the Town of Carbondale.

SCHEDULING

Welcome Desk	Days	Time	Total Hours	Staff	Days	Total Hours Week
	Mon - Fri	8 am - 4 pm	8	1	5	40
	Sat - Sun	10 am - 4 pm	6	1	2	12
Total						52

Welcome Desk Expanded	Days	Time	Total Hours	Staff	Days	Total Hours Week
	Mon - Sun	9 am - 4 pm	7	1	5	35
Total						35

Head Guard	Days	Time	Total Hours	Staff	Days	Total Hours Week
Assistant Manager	Mon - Fri	7 am - 3 pm	7	1	5	40
Head Guards (2)	Mon - Sun	10 am - 6 pm	8	2	5	80
Total						120

Lifeguards	Days	Time	Total Hours	Staff	Days	Total Hours Week
	Mon - Sun	7 am - 1 pm	6	2	7	84
	Mon - Sun	12 pm - 7:30 pm	7.5	3	7	157.5
Total						241.5

Lifeguards Expanded	Days	Time	Total Hours	Staff	Days	Total Hours Week
	Mon - Sun	9 am - 1 pm	4	2	7	56
	Mon - Sun	varies	varies	varies	7	115.5
Total						171.5

REVENUE AND EXPENSES ANALYSIS

This operational analysis was completed based on the best information available and a basic understanding of the project. However, there is no guarantee that the expense and revenue projections outlined above will be met as there are many variables that affect such estimates that either cannot be accurately measured or are not consistent in their influence on the budgetary process.

Operation expenditures are expected to increase by approximately 3% a year through the first 3 to 5 years of operation. Revenue growth is expected to increase by 4% to 8% a year through the first three years and then level off with only a slight growth (3% or less) the next two years. Expenses for the first year of operation should be slightly lower than projected with the facility being under warranty and new. Revenue growth in the first five years is attributed to increased market penetration.

EXPENSE SUMMARY

Category	New Facility	Expanded Season
Full Time Staff	\$37,328	\$37,328
Part-time Staff	\$133,750	\$178,274
Sub-Total	\$171,078	\$215,602
Utilities Gas/Electric	\$14,250	\$18,500
Software Expense	\$500	\$750
Computer Maintenance	\$500	\$500
Special Events	\$1,500	\$1,500
Chemicals	\$12,500	\$15,000
Travel & Conference	\$500	\$1,000
Training	\$4,000	\$4,000
Advertising	\$5,000	\$7,500
Bank charges	\$3,000	\$4,500
Printing	\$500	\$750
Dues/License/Red Cross	\$1,250	\$2,500
Contract Services	\$5,000	\$7,500
Red Cross Certifications	\$1,000	\$1,000
Office Supplies	\$500	\$1,000
Program Supplies	\$3,500	\$3,500
Uniforms	\$3,000	\$3,000
Building Maintenance & Grounds	\$5,000	\$6,500
General Maintenance & Repair	\$4,000	\$5,000
General Supplies	\$4,000	\$4,500
Misc.	\$1,500	\$1,500
Sub-Total	\$71,000	\$90,000
Capital Replacement	\$25,000	\$25,000
Grand Budget	\$267,078	\$330,602

REVENUE SUMMARY

EXPANDED SEASON*

Category	High	Medium	Low
Daily Admissions	\$55,520	\$41,960	\$26,480
Annuals	\$91,060	\$81,263	\$72,425
Punch Passes	\$ 20,310	\$16,248	\$12,317
Add on	\$31,400	\$25,152	\$19,592
Sub-Total	\$198,290	\$164,623	\$130,814
Programs	Fees		
Aquatics	\$28,210	\$28,210	\$28,210
Sub-Total	\$28,210	\$28,210	\$28,210
Other	Fees		
Signage	\$5,000	\$4,000	\$3,000
Concessions	\$7,500	\$5,000	\$2,500
Private Rentals	\$3,000	\$3,000	\$2,500
Sub-Total	\$15,500	\$12,000	\$8,500
Grand Total	\$242,000	\$204,833	\$167,524

TRADITIONAL SEASON*

High	Medium	Low
\$41,080	\$29,880	\$16,280
\$77,400	\$69,000	\$61,500
\$20,310	\$16,248	\$12,317
\$31,400	\$25,152	\$19,592
\$170,190	\$140,280	\$109,592
\$31,480	\$31,480	\$31,480
\$31,480	\$31,480	\$31,480
\$5,000	\$4,000	\$3,500
\$7,500	\$5,000	\$2,500
\$3,000	\$3,000	\$2,500
\$15,500	\$12,000	\$8,500
\$217,170	\$180,490	\$146,399

*Note: *Traditional Season* refers to a 15-week long season. This is the current length of the pool season at the John M. Fleet Pool. *Expanded Season* refers to a 24-week long pool season.

EXPENSE AND REVENUE COMPARISON

EXPANDED SEASON

Category	High	Medium	Low
Expenses	\$330,065	\$330,065	\$330,065
Revenue	\$242,000	\$204,833	\$167,524
Difference	\$88,065	\$125,232	\$162,541
Recovery Rate	73%	62%	51%

TRADITIONAL SEASON

High	Medium	Low
\$267,078	\$267,078	\$267,078
\$217,170	\$180,490	\$146,399
\$49,908	\$86,588	\$120,679
81%	68%	55%

CAPITAL COSTS

Based on the program elements of the Master Plan, an opinion of order of magnitude cost was developed using cost data from similar project types. More rigorous cost

analysis is recommended as the project moves through each phase of the design process.

CONCEPTUAL DESIGN: ORDER OF MAGNITUDE PROJECT COSTS

Costs	Assumptions	
General Costs		\$800,000 - \$1,000,000
Lap Pool (2,050 SF)	\$385/SF - \$400/SF	\$789,250 - \$820,000
Entertainment Pool (3,000 SF)	\$385/SF - \$400/SF	\$1,115,000 - \$1,200,000
Spa (200 SF)	\$500/SF	\$100,000
Splash Pad		\$200,000
Bathhouse (3,800 SF)	\$550/SF - \$600/SF	\$2,090,000 - \$2,280,000
Rounded Sub Total		\$5,100,000 - \$5,600,000
Contractor General Conditions	5%	\$255,000 - \$280,000
Contingency	20% for conceptual design	\$1,020,000 - \$1,120,000
Total		\$6,375,000 - \$7,000,000

* Soft costs not included.

Based on the information above, the following projections are based on a \$8M project budget to allow for construction costs unknown at this Master Plan phase, soft costs, permitting fees and other contingencies. Some of the funding options are one-time donations that help reduce the project budget costs. Subtracting this estimated amount of these one-time donations from the project budget results in a \$7M bond. A 30-year bond at a 3.5% interest rate will result in yearly bond payments of about \$380,000.

Some assumptions, including the following, were required to make these estimates.

- The current Recreation Fund tax level generates about \$815,000 per year in funding
- Current amount of Recreation Fund dedicated to debt service (Recreation Center) \$200,000.
- Creation of a local Foundation with a goal of developing a \$1.5M endowment for funding and capital support.
- Active marketing and sale of naming rights and sponsorship dedicated to project funding estimated to generate \$20,000 annually.
- Assumes that \$1M of the total project cost of \$8M will be offset by one-time contributions from the Garfield County Federal Mineral Lease (\$250,000), GOCO Grant (\$100,000), and Recreation Fund Reserve (\$700,000).
- Annual bond cost for the project of \$7M will be about \$380,000 per year. (3.50% interest rate for 30 years).

Methods	Possible Amount	Percentage of Project
Recreation Fund Tax (existing)	\$200,000 per year	53%
Recreation Fund Tax Increase (.50% to .60%)	\$81,500 per year	21%
Garfield County Federal Mineral Lease	\$250,000 one-time donation	
Create Local Foundation (Goal of \$1.5M Endowment)	\$75,000 annually	20%
Naming rights and sponsorships	\$100,000 one-time donation	
Recreation Fund Reserve	\$700,000 one-time contribution	

CAPITAL COST SUMMARY

Based on this analysis, some form of tax increase is likely needed to fund the total project of \$8M or the size of the

project must be reduced to a total project cost of about \$6M.

FUNDING SOURCES

A number of potential funding sources were discussed with the Town Manager and Finance Department during a scheduled stakeholder meeting. The purpose of this meeting was to determine some realistic funding options for the Aquatic project.

GOCO GRANTS

This funding source provides matching funding from the State of Colorado. However, most of the projects receiving funding are outdoor facilities and trails. However, the State has provided funding for recreation facility projects in the past. This source should be explored by the Town but typically these grants are less than \$200,000.

SALES TAX

There is a possibility of utilizing the existing sales tax revenues to help fund the Aquatic Center project depending on the debt retirement schedule for previous projects funding through this method. Sales tax could potentially fund \$3m-\$4m in capital cost.

GENERAL OBLIGATION BOND

This is not an option because it would require the bond to be paid back by the recreation fund and any debt payment on a GO Bond would exceed the limitations of the Recreation Fund.

GARFIELD COUNTY FEDERAL MINERAL LEASE

There is a possibility that the Town of Carbondale could qualify for funding sources. The Rifle Pool received somewhere in the neighborhood of \$200,000-\$300,000 for their project through this funding source. This is a funding source that should be explored by the Town.

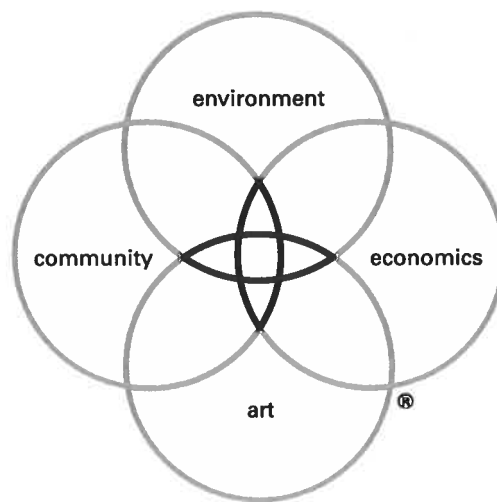
FOUNDATION

These dollars are raised from tax-exempt, non-profit organizations through private donation to promote specific causes. They offer the potential to assist with funding capital projects, gift catalogs and endowments through fundraising. This is a potential funding source the Town should explore in greater detail to inventory what foundations exist in the area.

NAMING RIGHTS AND SPONSORSHIPS

It has become common to see municipalities turn to selling naming rights for a new building or renovation of an existing building. This can include naming rights for a room, aquatic water feature, brick pavers, shade structures or pavilion. The Town should explore these local opportunities to expand its funding resources, but these sources are not likely to generate significant capital funding.

There were several other funding sources explored during this process that were eliminated or not deemed as practical for generating capital revenue including: hotel tax, special improvement district, recreation district, revenue bond or entertainment tax.



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for our clients, for society and for the well-being of our planet.

TOWN OF CARBONDALE 2021 EVENT CALENDAR (subject to change)

Highlighted Events **Cancelled** **Changed Historic Date** **Virtual** **Unknown** updated Jan 6

<u>Event</u>	<u>Organizer</u>	<u>Contact</u>	<u>Date</u>	<u>Location</u>
First Friday <i>Family Activities</i> Covid Friendly	Parks & Recreation Dept.	Jamie Wall (510-1214) jwall@carbondaleco.net	January 1 (Fri), 12om-9pm	Darien Ice Rink & 4 th Street Rink and other outdoor activities
Full Moon Winter Games	Parks & Recreation Dept. Aloha Mt. Cyclery Independence Run & Hike	Margaret Donnelly (510-1280) Darren Broome (963-2500) Brion After (704-0909)	January 30 (Sat), 4:30-8pm mdonnelly@carbondaleco.net independencerun@sopris.net	Darien Ice Rink & Rodeo Grounds alohamtncyclery@yahoo.com
First Friday	First Friday Committee www.carbondale.com	Chamber of Commerce (963-1890)	February 5 (Fri), 4:30pm	Downtown Main St.
Light the Night with Love	Carbondale Creative District www.carbondalecreativedistrict.com	Amy Kimberly (963-1680) amy@carbondalearts.com	February 13 & 14	ARTway Derail Park to Latinx Folk Art Garden
First Friday “Creative District Focus”	First Friday Committee www.carbondale.com	Chamber of Commerce (963-1890)	March 5 (Fri), 5pm	Downtown Main St.
First Friday “Spring into Wellness”	Parks & Recreation Dept. www.carbondale.com/event/first-friday-spring-wellness/	Margaret Donnelly (510-1280)	April 2 (Fri), 5-9pm	Carbondale Recreation Center or Downtown 4 th Street Plaza
Easter Egg Hunt & “Where my Peeps at” Scavenger Hunt Run	Parks & Recreation Dept. www.carbondalerec.com	Margaret Donnelly (510-1280) mdonnelly@carbondaleco.net	April 3 (Sat), 8:30 run 10am Egg Hunt	Sopris Park
Rotary Club Ping Pong Ball Drop	Carbondale Rotary Club alan@moderndaymedia.net	Alan Cole jwall@carbondaleco.net	May 7 (Fri), 5-9pm	Sopris Park
<i>Dandelion Day</i>	Environment Board www.dandelionday.org	Natalie Rae Fuller 970-230-2315. natalierae13@gmail.com	May 8 (Sat), 9am-5pm dandelionday81623@gmail.com	Sopris Park & Main St. parade
<i>Bonedale Bike Week</i> www.carbondalerec.com	Bike Ped Commission & Recreation Dept.	Eric Brendlinger (510-1277) ebrendlinger@carbondaleco.net	May 15-20 (Sunday-Thurs)	Carbondale Recreation Center & other locations within Town
Bike Park Competition	Parks & Recreation Dept. www.carbondalerec.com	Jamie Wall (510-1214) jwall@carbondaleco.net	May 15 (Sat), 9:30am	North Face Bike Park
Annual Art Walk	CPAC: Carbondale Public Arts Commission	llindberg@carbondaleco.net	June 3 (Thurs), 5:30pm	Begin at Town Hall

Highlighted Events **Cancelled****Changed Historic Date****Virtual****Unknown**

<u>Event</u>	<u>Organizer</u>	<u>Contact</u>	<u>Date</u>	<u>Location</u>
<i>Wild West Rodeo Series</i>	Wild West Rodeo Assoc. www.carbondalerodeo.com	Mike Kennedy (379-3907) mikekennedy@sopris.net	June 3-August 19 (Thurs) 7:30-9:30pm	Gus Darien Rodeo Grounds
First Friday Creative District Focus	First Friday Committee www.carbondale.com	Chamber of Commerce (963-1890)	June 4 (Fri), 5-9pm	Downtown Main Street
Community Pedaleando	AVSC www.teamavsc.org	Elise Denis edenis@teamavsc.org	June 5 (Sat), 10:30am-2pm	North Face Park
Jaripeo Y Baile Mexican Rodeo	Mario Tarin	(618-6486)	June 6 or 20 (Sun), 4-9pm	Gus Darien Rodeo Grounds
Downtown Farmer's Market www.carbondalefarmersmarket.com	Farmer's Market Committee	Jamie Wall (608-385-9252) jwall@carbondaleco.net	June 9-Sept. 29 (Wed) 10am-3pm	4 th Street Plaza & Park
Summer Park Concert Series	Music Committee	Steve Standiford (963-3304) sguitars@sopris.net	June 13 (Sun), 3:30-7:30pm	Sopris Park Gazebo
Team Roping & Sorting Event	Stepping Stones	Temple Glassier (379-2411) tglassier@yahoo.com	June 26 & 27, (Sat, Sun) TBD kyle@steppingstonesrfv.org	Gus Darien Rodeo Grounds
First Friday "Community Celebration"	First Friday Committee www.carbondale.com	Chamber of Commerce (963-1890)	July 2 (Fri), 5-9pm	Downtown Main Street
21 st Annual "Mt. Sopris Music Fest"	Steve's Guitars	Steve Standiford (963-3304)	July 2 (Fri), 5-10pm	4 th Street Park
4 th of July Parade & Pool Party www.carbondalerec.com	Parks & Recreation Dept. Margaret Donnelly (510-1280)	Eric Brendlinger (510-1277) mdonnelly@carbondaleco.net	July 4 (Sun) 10:30am-2pm ebrendlinger@carbondaleco.net	Downtown Main St. Parade Route Sopris Park Pool Area
<i>Jaripeo y Baile Mexican Rodeo</i>	Mario Tarin	(618-6486)	July 10 (Sat) , 4-9pm	Gus Darien Rodeo Ground
Summer Park Concert Series	Music Committee	Steve Standiford (963-3304) sguitars@sopris.net	July 11 (Sun), 3:30-7:30pm	Sopris Park Gazebo
<i>Carbondale Mountain Fair</i>	CA-Carbondale Arts www.carbondalearts.com	Amy Kimberly (963-1680) amy@carbondalearts.com	July 23, 24, 25 (Fri thru Sun) Fri 12 noon to Sun 7pm	Sopris Park
Mt. Sopris Runoff & 4-mi Run	Independence Run & Hike Store	Brion After (704-0909) brion@independencerunandhike.com	July 24 (Saturday)	Sopris Park
Porcupine Loop Bike Race	Aloha Mt. Cyclery	Darren Broome (963-2500)	July 25 (Sun)	Sopris Park & Prince Creek

Highlighted Events **Cancelled** **Changed Historic Date** **Virtual** **Unknown**

<u>Event</u>	<u>Organizer</u>	<u>Contact</u>	<u>Date</u>	<u>Location</u>
First Friday	First Friday Committee	Chamber of Commerce (963-1890)	August 6 (Fri), 5-9pm	Downtown Main Street
Summer Park Concert Series	Music Committee	Steve Standiford (963-3304) sguitars@sopris.net	August 8 (Sun), 3:30-7:30pm	Sopris Park Gazebo
<i>Jaripeo y Baile Mexican Rodeo</i>	Mario Tarin	(618-6486)	August 7 or 14 (Sat), 4-9pm	Gus Darien Rodeo Grounds
<i>The Hoot</i>	KDNK	Kenna Crampton (963-0139) kenna@kdnk.org	August 13 (Fri), 5-10pm	4 th Street Plaza Park to Garfield
"Our Town - One Table"	Parks & Recreation Dept. Jamie Wall (510-1214)	Sondie Reiff (305)710-0826 jwall@carbondaleco.net	August 15 (Sun), 5-9pm sondie12@gmail.com	4 th Street (Main to Euclid)
RFPA Tournament	RFPA Val Snearly	rfpickleball@gmail.com	Aug 20-22 (Fri-Sun), 8am-4pm	Young-Calaway Alpine Bank Courts
Wilderness Workshop Community Party	Wilderness Workshop	Emily Kay 610-888-4370 emily@wildernessworkshop.org	August 21 (Fri), 4-9pm	Sopris Park
<i>Festival Las Americas</i>	Club Rotario	Lucy Arcila-Club President LucyMoncadaArcila@alpinebank.com	Aug 22 (Sun), 12 noon-8pm	Sopris Park & Gazebo
"Cowboy Up" Dance & BBQ	Scott Haycock Cowboy Up Committee	(948-4867) shaycock3006@gmail.com	August 27 (Fri), 6-10pm	4 th Street Park & Plaza
10th Annual "Bonedale Skate Revival"	Parks & Recreation Dept. www.carbondalerec.com	Jamie Wall (510-1214) jwall@carbondaleco.net	August 28 (Sat), 9:30am	North Face Skateboard Park
First Friday: "Family Block Party & Pride Parade"	Parks & Recreation Dept.	Jamie Wall (510-1214) Michelle Marlow michmarlow@gmail.com	Sept 4 (Fri), 4pm	4 th Street Plaza & Park & Main St.
Roaring Fork Ranch Roping	Wild West Rodeo Assoc.	Tom Harrington (275-1165) tharrington@montrose.net ginny.a.harrington@gmail.com	Sept 10-12 (Fri- Sun)	Gus Darien Rodeo Arena
Western Slope Pickleball Tournament	RFPA Val Snearly	rfpickleball@gmail.com	Sept 11-12 (Sat-Sun), 8am-4pm	Young-Calaway Alpine Bank Courts
Sopris Park Summer Park Concert Series	Music Committee	Steve Standiford (963-3304)	Sept 12 (Sun), 3-7pm	Sopris Park Gazebo
O2 Festival	Pocket Outdoor Media	Lisa Raleigh 970-274-2012	Sept 16-19, (Thurs-Sun)	Carbondale Recreation Center/others

Highlighted Events **Cancelled** **Changed Historic Date** **Virtual** **Unknown**

<u>Event</u>	<u>Organizer</u>	<u>Contact</u>	<u>Date</u>	<u>Location</u>
Clay Center's Annual Fundraiser	Carbondale Clay Center www.carbondaleclay.org	Angela Bruno (963-2529) director@carbondaleclay.org	Sept 25 (Sat.), 5-9pm	Carbondale Clay Center
First Friday	First Friday Committee www.carbondale.com	Chamber of Commerce (963-1890)	Oct 1 (Fri), 5-9pm	Downtown Main Street
Potato Day <i>Parade & BBQ in Sopris Park</i>	Carbondale Historical Society www.carbondalehistory.org	Sue Gray (414-1078) info@carbondalehistory.org	Oct 2 (Sat), 10:30am-3pm	Main St. Parade & Sopris Park
<i>Ross Montessori 5k & Marmot Mile</i>	Ross Montessori School	Sonya Hemmen (970-963-7199) Sonya.hemmen@rossmontessori.org	October 2 (Sat), 7:30-11am	Ross Montessori School
"Celtic Fest" "Oktoberfest" Celebration	Parks & Recreation Dept.	Jamie Wall (510-1214) jwall@carbondaleco.net	Oct 8 (Fri), 5-9pm Oct 9 (Sat), 12pm-9:30pm	4 th Street Park & Plaza 4 th Street Park & Plaza
<i>Indigenous Peoples Day</i> www.davinikent.org	Nuche Pow Wow jhof@rof.net	John Hoffman & Rita Marsh ritamarsh@davinikent.org	Oct 10 (Sun), 5-9 pm Oct 11 (Mon), 10am-2pm	Nuche Park Sopris Park and Gazebo
5 Point Adventure Film Festival	5Point Adventure www.5pointfilm.org	Regna Jones 970-260-4321 regna@5pointfilm.org	October 13-17 (Wed thru Sun)	Carbondale Recreation Center
First Friday <i>"Dia De los Muertos"</i>	First Friday Committee www.carbondale.com	Chamber of Commerce & CA (963-1890)	Nov 5 (Fri), 5-9pm	3rd Street to Main Street Parade Route
Aloha Shaka Cross Series (Bike Cyclo-Cross Race)	Aloha Cyclery	Darren Broome (963-2500) alohamtncyclery@yahoo.com	Race #1: Sunday, TBD Race #2: Thursday, November	RFHS & North Face park (Thanksgiving Day)
Turkey Trot (5k & 1 mile fun run)	Parks & Recreation Dept.	Margaret Donnelly (510-1280) mdonnelly@carbondaleco.net	Nov 25 (Thurs), 9 am	Rio Grande Trail
First Friday <i>"Light Up Carbondale"</i>	Chamber/CA & Rec. www.carbondale.com	Jamie Wall (510-1214) (963-1890)	Dec 3 (Fri), 5-9pm	Downtown Main Street
<i>"Jingle Bell Run"</i>	Independence Run brion@independencerunandhike.com	Brion After (704-0909)	Dec 19 (Sun), 11am	Independence Run & Hike Store

Carbondale Park & Recreation Commission Master Calendar

January

- Update Commission Contact List & Note Commissioner's Terms Set to Expire in the Year
- Update Highlighted Chart of Master Plan
- Review Integrated Weed Management Plan for Coming Growing Season

February

- Parks & Recreation Department Quarterly Report Octo. Nov, Dec. (Previous year)
- Grant Proposal Deadline:
 - GOCO Resilient Communities Round 4
 - Garfield County Federal Mineral Lease District (FMLD) Spring Grant

March

- RVR's Triangle Park Maintenance Quarterly Review
- Grant Proposal Deadline:
 - Fishing is Fun Phase 2
- Grant Award Notification:
 - GOCO Resilient Communities Round 4
 - GOCO Restore Colorado Program

April

- Grant Award Notification:
 - Garfield County Federal Mineral Lease District (FMLD) Spring Grant

May

- Parks & Recreation Department Quarterly Report Jan, Feb, March

June

- Parks Tour – looking at current projects, future projects & budget priorities
- RVR's Triangle Park Maintenance Quarterly Review
- Grant Award Notification:
 - Fishing is Fun Grant

July

- Parks Tour Review for Budget Priorities
- Grant Proposal Deadline:
 - GOCO Resilient Communities Round 1

August

- Parks & Recreation Department Quarterly Report April, May, June
- Commission Officer Nominations
- Draft Department Budget Goals for the Coming Year
- Grant Proposal Deadline:

Carbondale Park & Recreation Commission Master Calendar

- GOCO Resilient Communities Round 2 Proposal Deadline
- Garfield County Federal Mineral Lease District (FMLD) Fall Grant
- Grant Award Notification:
 - GOCO Resilient Communities Round 1

September

- Commission Officer Elections
- RVR's Triangle Park Maintenance Quarterly Review
- Grant Proposal Deadline:
 - GOCO Resilient Communities Round 1
- Grant Award Notification:
 - GOCO Resilient Communities Round 2

October

- Integrated Weed Management Plan – Assess Current Conditions & Create Management Plan for Next Season
- Grant Proposal Deadline:
 - GOCO Conservation Service Corps Program
 - GOCO Restore Colorado Program
- Grant Award Notification:
 - Garfield County Federal Mineral Lease District (FMLD) Fall Grant

November

- Parks & Recreation Department Quarterly Report July, August, Sept.
- Budget Goals & Objectives as submitted to TOC Trustees
- Budgeted Cost Recovery & Recreation Sales & Use Tax Update
- Review and Approval of Current Town Recreation Fees
- Grant Award Notification:
 - GOCO Resilient Communities Round 3

December

- Special Events Calendar Approval
- Final Annual Budget as Approved by TOC Trustees
- RVR's Triangle Park Maintenance Quarterly Review
- Grant Award Notification:
 - GOCO Conservation Service Corps Program

Bond Information and Status Links

Master Plan Update Links

In Progress	Carbondale P & R Outstanding Projects 1/13/2021		Completed	30 days	60 days	90 days
Need to check on status						
2020-21 proposed project						
	Red Hill Signage (design of trailhead kiosk for late fall installation)		contracted	Trailhead amenities build and install	Kiosk design work	Kiosk signage completed and installed
	RVR Park Weed Management - can/will they adopt Town weed plan			homeowners approaching RVR board		
*no staff training	CIWMP- Approval for 2021 weed mitigation strategies		assessment & mapping	Presenting to P & R and E-board	presenting plan for 2021 to Trustees	
	Nuche Park - Parking & Signage	Fence Permit and approval	purchased material	BECA	BECA	scheduled completion March 15-30
	Playground & Park equipment painting	Gianinetti Completed	Sopris Gazebo	Park Signs staining and repair	Park Signs staining and repair	Hendricks painting Spring Project
* timing pushed back	Orchard Park Playground Replacement Project			Construction	construction	Scheduled Completion Spring 2021
	FMLD Gianinetti Park Playground phase 2		submitted	Not awarded		
	GOCO Gianinetti Park ADA enhancements Resilient Communities Grant			do not qualify		
*delayed final design and permitting	Crystal River Restoration and Weaver Ditch Efficiency Project			80% designe grant writing	grant writing for construction	Final permitting and design
	GOCO/ NFWF Restore Grant for Crystal River Project	\$249,947	submitted			Award notification March 2021
	Fishing is Fun Grant Crystal River Project. CPW	\$30,000	processed	Compiling data needed for grant	compiling data needed for grant	submitting requested information
*delayed bidding	Fence at White Hill Cemetery			received bid	contracting	construction spring 2021
	Electric Work at RV Park	Phase 2 complete		Budget item 2021	Contract Lassiter Electric phase 3	Winter/ Spring Project
*delayed completion	Electric work at Rodeo Grounds	phase 1 & 2 complete	contracted	Phase 3 in progress	scheduled completion	
*delayed fundraising	Batting Cage at Bill Hanks	purchased and arrived		Permitting and approval	Site Prep	spring Installation
*delayed production and delivery	Mobile Stage Delivery 3 employees trained	benchmarking rental rates	Rental contract created	Legal review of rental contract		Potential use
* delayed final report	MEM Project Report	weed mapping completed		Compiling research and survey data		
	Miners Park Volleyball Border Project	purchased and arrived	installed	sand delivered to site and spread	frozen	Scheduled completion Spring 2021
	Nature Park-loop pathway improvements			Test section with x-mass tree wood chips		
* affected by covid-19						
Completed	Updated Highlighted Chart of Master Plan	Completed on Website			https://www.carbondalerec.com/rec-misc/master-plans/	
	RVR Triangle Park Playground Equipment			completed		
* delayed construction	Pickleball Courts	Completed		grass established		
* timing pushed back	Red Hill Road Realignment and parking lots	Started 5/18-Completed 9/2		Completed	Grand opening Oct 13th, 2020	
	Park Bathroom work	Floor Treatment in Sopris	Installing curtains in Miners			
* delayed bidding	FMLD Gianinetti Park playground renovation			completed		
* change in scope/public outreach	Aquatics Facility Master Plan		completed	Presentation to Trustees Feb 9th		GOCO Grant closeout

Town of Carbondale					
Parks & Recreation Commission					
Contact List					
Updated October 2020					
Name	Email	Phone	Address	Term - Expiration	Start Date
Hollis Sutherland, Chair	hollis.sutherland@gmail.com	414-801-1364	820 Main Ct.	10/20- 10/23	Jan 2011
Rose Rossello, Vice Chair	happyymtnrose@gmail.com	970-309-6622	653 Grace Drive	10/20 -10/23	June 2018
Ashley Hejtmanek	ahejtmenak@designworkshop.com	970-319-0008	41 Pinyon Mesa Dr. GWS	9/20-9/23	Nov 2016
Becky Moller	rebeccamoller@comcast.net	970-319-5703	907 Wheel Circle	8/18-8/21	Aug 2007
Kathleen Wanatowicz	glennakathleen@gmail.com	970-618-5114	189 Capitol Ave	2/20-2/23	Sept 2014
John Williams	bonjon71@hotmail.com	970-250-7805	778 Sopris Ave	8/18-8/21	October 2017
Tracy Wilson	tracywilson@crms.org	970-710-1083	PO Box 1718	8/18-8/21	Aug 2007
Brian Soby	sobyone@gmail.com	727-385-9063	181 Harmony Lane	9/20-9/23	Sept 2023
Celeste Fullerton	celeste44552@rfschools.com	970-366-8012	564 Grace Drive	9/20-9/22	Sept 2022
Trustee Liaison					
Luis Yllanes	lyllanes@carbondaleco.net	786-493-1173		Board of Trustees	BOT Liaison
Town Staff					
Kae McDonald	kmcdonald@carbondaleco.net	970-963-2733		Boards & Commissions Clerk	Town Staff
Eric Brendlinger	ebrendlinger@carbondaleco.net	970-319-2494	2023 Graceland Dr.	Parks & Recreation Director	Town Staff
Kevin Schorzman	kschorzman@carbondaleco.net	970-618-7254		Public Works Director	Town Staff
Jessi Rochel	jrochel@carbondaleco.net	970-274-2821	0263 Delores Circle	Recreation Manager	Town Staff
Margaret Donnelly	mdonnelly@carbondaleco.net	503-415-9514	760 Cleveland Ave.	Aquatics, Health & Wellness Coordinator	Town Staff
Will Tempest	wtempest@carbondaleco.net	970-510-1279		Athletics Recreation Coordinator	Town Staff
Jamie Wall	jwall@carbondaleco.net	970-510-1214		Facility & Special Events Coordinator	Town Staff
Derek Miller	dmiller@carbondaleco.net	970-948-6003		Rec. Fac. Maint.	Town Staff
Russell Sissom	rsissom@carbondaleco.net	970-618-1350		Parks Supervisor	Town Staff