

**LARIMER COUNTY PARKS ADVISORY BOARD
MINUTES
NOVEMBER 9, 2016**

200 W Oak, Fort Collins, CO

The mission of the Larimer County Parks and Open Lands Department is to establish, protect, and manage significant regional parks and open lands, providing quality outdoor recreational opportunities and stewardship of natural resource values. We are committed to fostering a sense of community and appreciation for the natural and agricultural heritage of Larimer County for present and future generations.

PAB Members in Attendance:

Chris Klaas	x	Mark DeGregorio		Russell Fruits	x
Deborah Shulman	x	Nick Clark	x	Stephanie Vann Dyken	x
Frank Gillespie	x	Rob Harris		Steve Ambrose	
John Tipton		Ron Kainer	x	Steve Johnson, Commissioner	

NR Staff in Attendance:

Gary Buffington	x	Ken Brink	x	Mark Caughlan	x
Dan Rieves	x	Kim Butler	x	Charlie Johnson	X

1. EXECUTIVE SESSION (4:30pm): Pursuant to C.R.S. (24-6-402(4)(a)) for discussion pertaining to purchase, acquisition, lease, transfer, or sale of any real or person property interest.
2. REGULAR MEETING OPENING
 - a. Motion by Chris Klaas seconded by Rob Kainer to approve the minutes of the last meeting. Motion passed 7-0. Meeting called to order by Chair 5:35pm.
 - b. Review Agenda and enclosures
3. BOARD MEMBER REPORTS – none
4. PUBLIC COMMENT: None
5. GENERAL INFORMATION: - 15 minutes
 - a. Natural Resource Events for this month: See website <http://www.larimer.org/naturalresources>.
 - b. To sign up for Parks Advisory Board minutes go to <http://larimer.org/subscriptions.cfm> put in your email and click 'subscribe', then check "Parks Advisory Board" box.
 - c. Natural Resources had a meeting with Todd Blomstrom regarding our Film & Photography Application. He asked us to address drones specifically.
 - i. Discussion regarding whether we add "Commercial" to the title. Group supports not including it.
 - d. Ken attended an Internal Affairs conference in Las Vegas regarding a monitoring system for our rangers. We have a very high quality level of staff.
 - e. Ken hiked on the new Limber Pine Trail at Hermit Park. It will eventually go all the way around the hillside in Hermit Park. We've built a couple of miles this year, and hope to finish up next year. If you have a chance, go park at the Pavilion and enjoy what's built so far.
 - f. Water clarity in Grand Lake – Ken & Mark continue to attend meetings regarding that. We did send a letter to Northern Water regarding adaptive management and reminding them of potential impacts on our parks.
6. DISCUSSION ITEMS: None

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7. ACTION ITEMS:

- a. Review of Draft Master Plan Alternatives with Jeremy from Logan Simpson
 - i. This is the 2nd time we've met with the group and we've met with most of you 1 on 1. If you haven't had that time, please let me know.
 - ii. We'll be walking through the Master Plan Alternatives that we'll be presenting for the 4 Reservoirs.
 - iii. We finished the Scoping Phase in August-October, which included:
 1. Reaching out to over 100,000 people. We've heard back from 3,000 people.
 2. We published a scoping report that can be found on <http://onegreatcountytoplay.com/>
 3. Things we heard people wanted were: more trails, better fishing, non-motorized vs. motorized boating; ways to manage parking congestion; more boat slips in marinas; more free things, etc.
 4. We got some really good, specific statistical data.
 5. The Parks Master Plan by LC works in conjunction with Resource Management Plan and Environmental Assessments, which are both done by the Bureau of Reclamation.
 - a. The Bureau is required to look at any projects Larimer County wants to do and evaluate the environmental affects and determine if it's a good option for the county.
 - b. The Bureau has been our partner since 1954, so we're used to this process.
 - c. They'll come out as a draft at the same time.
 - iv. There are 5 phases in the Master Plan process. We're on phase 3.
 1. Phase 4 – We'll assemble the preferred options as a draft and put out to the public for about 30 days this spring.
 2. Phase 5 – This is the adoption process.
 - v. Reviewed the survey passed out to public regarding what options are appropriate? Is this the role NR should play?
 - vi. The Technical Advisory Committee (TAC) met and we made a few tweaks to incorporate things from all the different partners.
 - vii. Next week, this will be presented to the public.
 - viii. The Master Plan is not a part of the public process, but it is a really great additional step that Natural Resources has taken.
 - ix. Common to All Areas: Potential Improvements
 1. Please review the alternatives presented in the packet attached.
 2. We are trying to make an asset management plan instead of having to do an RMP & NEPA process every time we need to do something like repave the parking lot.
 3. Board and Staff comments:
 - a. Russell – Is the dark sky item gaining more momentum, or is that just a popular thing to do?
 - i. Jeremy - We did have some comments concerned about glare shining on the residence. Nocturnal wildlife may also benefit.
 - ii. Stephanie – The City of Fort Collins requires it now on all of its projects.
 - x. Horsetooth: Potential Improvements
 1. Inlet Bay:
 - a. Please review the alternatives presented in the packet attached.
 - b. Board and Staff comments:
 - i. Russell – How many campsites did the community find impactful?
 1. Jeremy - The number we asked about was 25-50.
 2. We think the most we could fit in is up to 5. Our goal is to improve functionality here
 - ii. Russell – Would the marina store be a county asset?

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1. Pat – Yes, because it’s on recreation land.
2. Russell – So we will build it and lease it to them.
3. Mark - Yes
- iii. Stephanie – So why move it (marina) on land instead of keeping it on the water?
 1. Mark - There’s a demand for more mooring and slips, so that could help in the future. You still have to do the fuel sale on the water, but they could move more items to the land site for the campers.
- iv. Stephanie – Is that the current tenant’s preference?
 1. Dan – Carter’s concessionaire has asked when we will be doing this as well. We want to make sure they are treated the same.
 2. Pat – The marina at Horsetooth is very old and needs to be updated. It’s our preference that the County owns them.
 3. Mark - We have attempted this conversation in the past, but the neighbors opposed it due to the size of the building. We will be investigating possibilities.
- v. Remember that if items come up at Carter that we like, we can include them, but put a qualification to say pending funding.
- vi. Russell – Construction of ADA restroom at each gatehouse...is that a port-a-potty or built in?
 1. Mark – It is a built in for staff only.
- c. The cabins at Horsetooth are cheaper to replace than to refurbish.
- d. Board and Staff comments
 - i. Deborah – Waterfowl hunting as per CPW...how does that impact paddle boarders and hikers?
 1. Ken – Impacts would be minimal. We have environmental damage from geese, etc., so this is a legitimate management tool and also provides public recreation. Remember it is done, and done well, at many other parks. For Ex. Boyd Lake and Jackson Lake offer it. Many popular SWA’s also have waterfowl hunting along with other types of recreation. There are minimal problems.
 2. Mark – We would develop a map to show the hunting areas.
 3. Deborah – I already feel like I can’t go in Lori State Park and several other properties because of hunting.
 4. Ken - We would make sure we do it at a time and place that is manageable.
 - ii. Deborah - Compostable toilets at N & S. Eltuck...there are a lot of day use people down there, so it seems like it would get too much use. How do you handle high usage?
 1. Mark – The other ones we have, we clean out once year. They haven’t filled up and they work great.
 2. Deborah – It seems like a lot of times toilets aren’t being used.
 3. Mark – That’s why we’re trying to add more. There are only 3 now.
- e. Archery
 - i. Archery is quickly growing. Places have stationary targets, but also 3D targets. It’s quiet and low impact.

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- ii. For example, there's an archery range where they shoot towards I-25 and the highway is only 200 feet away, and there have not been incidents.
- iii. We'd like to do Phase 1 and see how it goes, and then extend to Phase 2 with 3-D targets as desired. It's a fairly secluded space with hog backs on both sides. It would be fee-based with maybe an additional fee for using 3D targets. We could require things like blunt arrows, etc.
- iv. We would also like to have a partner involved with this, such as an archery club to help with site maintenance, etc.
- v. Board and Staff comments
 - 1. Deborah – Would that gate close at night? I'm concerned people would be there at night.
 - a. Jeremy – It would be open dusk to dawn.
 - 2. Deborah – How do you keep runners off the trail?
 - a. Jeremy – The loop would not connect to the other nearby trails. It's internal to the property and it would be strongly branded as an archery area.
 - 3. Deborah – Why not make a big trail for mountain bikers and walkers, and make it an ADA path? Would that serve more people?
 - a. The loop trail is just under 1 mile.
 - b. Group discussed and the growing popularity of archery and need for ranges was brought forth strongly.
 - 4. Frank – How do you phase people going through the loop and shooting the 3D area?
 - a. It's like a golf course...you can clearly see who's in front of you.
 - 5. Stephanie – How did we decide to put the archery here?
 - a. Ken - We wanted to look at something that would be a good fit in this location...so lower impact, high level of control, try to offer something unique, etc. The nearest 3D range for us is west of Colorado Springs. We can charge a fee for it. We have discussed group site camping at that site in the past and it has never been supported.
 - 6. Russell – There is a lot of money in the archery community to reach out to younger people and grow the sport.
 - 7. We did get a letter from CPW offering access to their grant program to help develop this. We did talk about trails too. We spoke with the City of FC and the feeling they gave us is that the odds of us being able to legally connect trails there was not good. Northern Water agreed. We got a lot of feedback at the TAC level that pushed us in this direction.
 - 8. Stephanie – I think this is a very good idea, and I will advocate for this, but you are going to get a lot of push back. It seems very appropriate to the area and a good fit. The owner of JAX lives at the top of the road and is huge into archery. Jim Quinlan. I can put you in touch.

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9. Dan – When this came up last time and we asked for another alternative...what would be palatable to you all down there, and their answer was “Nothing”. So, the pushback seems to be the same regardless.
10. Deborah – Although the people right around the area are against everything, the people higher up the ridge in the neighborhoods would be excited for this. What would promote or stop it?
 - a. Ken – In your position, it’s appropriate in your role to advocate for a project that you think is good for the community, if you feel that way. We don’t necessarily advocate as government employees. So, if you wanted to put a letter in a newsletter or on a sign board, etc, feel free.
 - b. Deborah – And you said you were going to do some reseeding, etc. in that area. That would be well received.
2. Satanka Bay – There is not adequate trailer parking even though there’s more capacity on the lake.
 - a. Please review the alternatives presented in the packet attached.
 - b. There is a potential to add 20-30 sites per year depending on use. It is intended to be used only at peak times of the year and holidays as overflow. There’s a steep, steep hill to climb after they launch their boat.
 - c. There is also a big hogback to the west which will hide the view of the lot.
 - d. Part 2 – How to accommodate paddle sport demand?
 - i. Formalize a launch area.
 - ii. Have a dry storage for the concessionaire.
 - iii. Pat – The lot was originally to the south, but we moved it a little further north after meeting with Northern Water & the engineers.
 - iv. Board and Staff comments
 1. Deborah – What about parking?
 - a. Mark - The point across from the restroom could now be used for vehicles, not trailers.
 2. Mark – We see a lot of boat in campers using that entrance. We’ll start with maybe half of those sites and grow as desired so we do not have to go through this plan again.
 3. Pat – Let us (Bureau of Rec) analyze it in the broader big plan, then we can evaluate that, and then we can always shrink it down with no problem.
 4. Deb – When the water is really high, it’s hard to get to the bathroom. Could we maybe put a trail at the base of the dam?
 - a. Mark – Maybe we can put it on the reservoir side of the guard rail so that you could use it regardless of the water level.
 - b. Suggestion to pour concrete steps.
3. Trails
 - a. There is a potential new trail to connect Inlet Bay to South Bay. People wanted a loop around the reservoir or one from FC to the Reservoir. We looked closely at these options, but it was private land above the road and below the road or we’d be putting people on the road shoulder going the

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wrong direction right at the eastern corner, which did not seem safe. We were working with R&B looking at different options.

- b. This trail would always be above the high water mark.

xi. Carter Lake

1. North Pines:

- a. Please review the alternatives presented in the packet attached.
- b. We can go from 85 to about 120 sites if we pave & stripe the lot.
- c. Board and Staff comments
 - i. Russell – looks like a good area for development

2. Big Thompson

- a. Please review the alternatives presented in the packet attached.
- b. Sand naturally builds up at the swim area.
- c. It's a very popular day use area, so we would like to give it a face lift.
- d. We would possibly upgrade to electric sites & formalize the swim area.
- e. Board and Staff comments
 - i. Russell – Are we going to have the same issue with sand blowing up in the road?
 - ii. Jeremy – It seems to gather in the vegetation there.
 - iii. Dan – The only place its crossing is right at the end of the dam.
 - iv. Frank – What does “natural swim area” mean?
 - v. Dan – The idea was to avoid a perfectly groomed beach because it's going to chase the water line all summer.
 - vi. Suggestion to call it just “Swim Area”.

3. Carter Knolls

- a. Please review the alternatives presented in the packet attached.
- b. What if we change it to walk-in/bike-in, no cars?
- c. Northern Water is concerned it's too close to the dam, so If we keep it to the south and still in those trees, it may work. There's also a natural trail that goes across there, and we can follow the power line to the north. Ken will update Jeremy.
- d. It's about 0.25 miles between Big Thompson & the current swim area.
- e. Board and Staff comments
 - i. Russell – It would be a great addition to have a very small parking lot for the climbing area.
 - ii. Deb – Would the trail be improved up to the bouldering area?
 - a. Dan – There is a maintenance issue because it gets overgrown because it doesn't get used a lot. If they start getting used more, then we can pay more attention to it.
 - iii. Russell – The demographics of people who use the current beach area are people who drive-up and bring a lot of equipment.
 - iv. Dan - Remember that there may not be the main swimming area anymore, there will be several small beaches along the way with bigger parking lots. So they do not have to walk all the way back to the corner swim area because there are closer ones.
- f. We would add 5 times the swimming capacity. There will be designated swim lines. There will still be room for the boaters to come to shore in between them.

xii. Pinewood

- 1. Please review the alternatives presented in the packet attached.

xiii. Flatiron

- 1. Please review the alternatives presented in the packet attached.

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2. This is a dangerous reservoir to swim in because we fill and drain it rapidly. There is considerable under-toe coming out of the safety plant, and it is not buoyed.
 3. We've had more people drown in Flatiron than in any of the other reservoirs in the last 10 years. And it's really not a very deep reservoir.
 4. Dan – Can we please move the 2nd dump station from the Eagle list to the Flatiron list...not necessarily at the reservoir...details to come.
 5. Board and Staff comments
 - a. Russell – Under the current plan, is there enough to develop the South Shore of Carter, or do we need to do anything in this plan?
 - i. Dan – It's underway already, and we should be breaking ground in September 2017.
 - b. Russell - Looking forward, once that's done, do we want to look at future renovations in this plan?
 - i. Dan – That's a great idea, I'd like to hear more ideas.
 - xiv. Mark – Aside from what we've covered, the other biggest request we get is a restaurant, but there's just no place to do it, and it would be seasonal. We've tried food trucks, BBQ, hot dog stands, etc. People want a nice sit down restaurant. It does not seem feasible.
 1. Suggestion to take a look at the successful tiki bar at the end of Lake Dillon.
 2. Deborah – What about on the north end of the reservoir? You can't even buy water, etc.
 3. Dan - Maybe it's worth another go at food trucks, but it's a matter of they need to be consistent, and that has been the problem. The biggest constraint at the Carter Marina is that we do not have a full service kitchen because it would put us over our water usage. They could be cooking a lot of different items with the resources they have, but they have chosen not to.
 - b. Public meetings are next Wednesday at the Chilson Center, and next Thursday at 200 W. Oak St., Fort Collins.
 - c. Is everyone on the project mailing list? Please feel free to forward emails to your contacts.
8. STANDING AGENDA ITEMS:
- a. Park District updates and Parks Master Plan Implementation Progress report
 - i. Dan Rieves, Carter Lake District Manager
 1. The South Shore project is in the works. We're now coming up with estimates for site design and review. Once I get the new graphics back, I will bring them to the PAB. We did move some sites around. We moved some of the sites from the west side to put the money toward other sites.
 2. My concern is that if we expand in other ways, we might delay the South Shore project again, and I would really like to get it going. We'll be starting approvals in about 2 months so we will have to make that decision soon. The project should move quickly because it's a lot of dirt work as opposed to construction.
 - ii. Mark Caughlan, Horsetooth District Manager
 1. The buildings are 99% done. The elevator should get done this week. The parking lot & fencing is done. I'm sure we'll have a PAB meeting there soon and we can do a tour.
 2. We're working on fall projects. We have a lot of water systems that need to be replaced due to age.
 3. ANS inspections are on weekends only 8am-4pm. This ends the last weekend in November and then we'll reopen in March/April.
 - b. US Bureau of Reclamation Update – Pat McCusker
 - i. Pat works with Larimer County, Estes Park, & Lake Pueblo.
 - ii. ANS is a major problem for us, and we're trying to figure it out.

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- iii. I am working with the Granby Water Clarity team as well. The Shadow Mountain Reservoir has an algae problem and spreads to Grand Lake. It has been an ongoing problem, but it's getting more publicity.
- iv. Deborah – Are we affected at all by Colorado possibly calling back the water?
 - 1. We're authorized to bring 310,000 acre feet a year, but we only bring over 265,000 because our plumbing won't handle any more than that. We are still waiting for plans from Northern Water.
- v. He is happy to be here and a part of this group.

9. DIRECTOR'S REPORT: None

10. MEETING ADJOURN

- a. Motion by Russell Fruits to adjourn, seconded by Deborah Shulman. Motion passed 8-0. The meeting was adjourned at 8:05 p.m.

Next regular meeting [if needed]:
Tuesday, December 13, 2016
Natural Resources Administration Offices
1800 S. County Rd. 31, Loveland, CO 80537

Public can view agenda and minutes at
http://larimer.org/boards/minutes/parks_advisory_board.cfm

Welcome

WHAT IS MY ROLE?

How to Participate Today:

- Sign in and join the project mailing list.
- Provide input on improvement concepts for various recreational sites at the four reservoirs.
- Provide input on the building expansion concepts and campus improvements for The Ranch Events Complex.

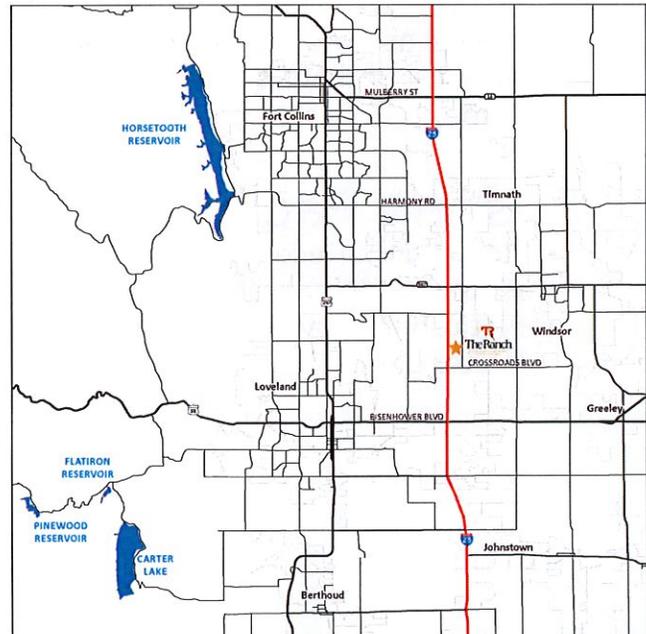
How to Provide Comments:

- Complete the reservoir questionnaire and/or The Ranch postcard.
- Online questionnaire available at www.onegreatcountytoplay.com
- Comments will be collected until December 3, 2016.

Next Steps:

- Following public feedback on the alternatives, Reclamation and Larimer County would develop a draft plan.

Regional Map:



RMP/EA

OBJECTIVES

Reclamation Mission and Vision

Define the management framework for the conservation, protection, and enhancement of the four Big Thompson Project Reservoirs located in Larimer County. The RMP/EA document will guide Reclamation, along with Larimer County and other participating agencies in managing, allocating, and appropriately using the land and other resources at the four reservoirs while protecting the authorized project purposes.

The RMP is needed to do the following:

- Ensure that management of the natural and recreational resources is compatible with authorized Reclamation C-BT Project purposes.
- Provide decision makers with consistent direction and guidance to successfully manage resources and project facilities at Reclamation's reservoirs.
- Address the increasing demand for public use of the resources at Reclamation's reservoirs, while protecting and enhancing the natural and recreational resources.
- Serve as a management tool for Reclamation and Larimer County, as well as other possible managing agencies that outlines resources, policies, and actions that will guide decisions over the 10-year life of the plan.

Existing Facilities

- Horsetooth Reservoir
- Pinewood Reservoir
- Flatiron Reservoir
- Carter Lake

Resource Management Plan/EA

NEPA PROCESS & PUBLIC INVOLVEMENT

Issue Identification & Inventory
June - Sept 2016

Public Scoping
July 25- Sept 13, 2016

Alternatives Development & Analysis
Fall 2016



Draft RMP/EA
Winter 2017

Public Review Period
Spring 2017

Final RMP/EA
Summer 2017

Scope of the Plan

The following projects will not be addressed:

- **NISP/Glade & Galetton Reservoirs**
 - The Northern Integrated Supply Project would create a large new reservoir in Larimer County.
 - The U.S. Army Corps of Engineers (USACE) is in the process of completing an Environmental Impact Statement. Comments can be submitted through September 3 .
 - Any potential recreational use plans would be developed after the USACE decision in 2017.
- **Chimney Hollow**
 - Creation of a new reservoir at Chimney Hollow near Carter Lake.
 - Larimer County owns 1,847 acres of adjacent open space.
 - A management plan will be completed that may include non-motorized boating, fishing and multi-use trails.
- **Horsetooth Mountain Open Space (HTMOS)**
 - Management direction for HTMOS is provided by the 2006 Management Plan.
 - Larimer County manages HTMOS separately from Horsetooth Reservoir Park.

Welcome

WHAT'S THE PLAN?

	The Ranch Master Plan	RESERVOIRS	
		Master Plan Update	Resource Management Plan/ Environmental Assessment Update
LEAD AGENCY	The Ranch Events Complex	Larimer County Department of Natural Resources	Bureau of Reclamation
SCOPE OF PLAN	The Ranch Events Complex	Update to County-wide Park Needs and Opportunities	Improve management of the 4 Colorado-Big Thompson Reservoirs: Horsetooth, Carter, Flatiron, and Pinewood
TIME FRAME	10 Years +	10 Years +	10 Years
UNIQUE / SPECIAL NEEDS	Future events, venues, costs, and funding mechanisms	Address future management opportunities including needs not likely met by the four reservoirs	Compliance with NEPA and other applicable Federal laws and requirements

PLANNING PROCESS

PHASE 1: FOUNDATION (JUNE)

- Stakeholder Interviews
- Online Questionnaire #1

What methods should we use to reach you and what is your initial feedback?

PHASE 4: DRAFT PLANS (FEB-MARCH)

- Draft Plan Public Meetings
- Public Review Period
- Online Questionnaire #4

Input on the preferred options, strategies and draft plans.

PHASE 2: VISIONING (JULY-SEPT)

- Public Scoping Meetings Aug. 22- Aug. 24, 2016
- Online Questionnaire #2

Refine the vision, issues, objectives and opportunities for the plans.

PHASE 5: FINAL PLANS (APRIL-MAY)

- Final Plan Presentations
- Public Hearings

Refine the final plans, support the adoption and define the steps for implementation.

PHASE 3: ALTERNATIVES (OCT-JAN)

- Alternatives Public Workshops: Nov 16 (Chilson Center), Nov 17 (Courthouse)
- Online Questionnaire #3

Provide input on the preferred opportunities and programs.



WELCOME

LARIMER COUNTY
OPEN HOUSE
NOVEMBER 16 & 17

**The Ranch
Events Complex
Master Plan**



**Parks Master
Plan**



**Resource
Management
Plan/
Environmental
Assessment**



Parks Master Plan

PROJECT OVERVIEW

94% of reservoir operations costs are funded through permit fees collected from park visitors.

Roughly **90%** of the 2007 Master Plan has been implemented!

Plan Objectives:

- Help us to better define the County's most appropriate **role in providing outdoor recreation** at the reservoir parks.
- Identify gaps, **public needs and preferences for** park-based recreation
- Review programming/facility recommendations that meet **changing demographics and trends**
- **Balance** resource conservation values, recreation opportunities, and long-term management
- Evaluate **carrying capacity** and use areas
- Determine funding needs for **long-term financial sustainability**

Larimer County Department of Natural Resources Mission:

Our mission is to establish, protect, and manage significant regional parks and open lands providing quality outdoor recreational opportunities and stewardship of natural resource values. We are committed to fostering a sense of community and appreciation for the natural and agricultural heritage of Larimer County for present and future generations.

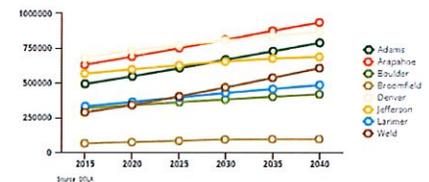
Parks Master Plan

REGIONAL TRENDS & DEMANDS

Population Growth

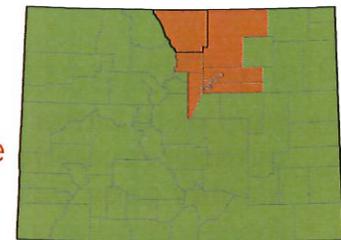
- Another “Fort Collins” will be added to Larimer County by 2040
- Approximately 60% of park visitors come from outside of Larimer County
- Increasingly urban environment

North Front Range Population Forecasts



By 2040, an increase of...

- 2.5 million residents in Colorado
- 1.5 million residents in the North Front Range
- 150,000 residents in Larimer County



Shifting Use Trends

- Higher use trends during the weekdays and shoulder seasons
- Increase in paddle sports, adventure sports, stay-cations, and day-use
- Increase in boat, paddleboard, and kayak rentals
- Greater focus on healthy communities

A Limited Resource

- Limited usable area remains at the existing reservoirs
- Greater use creates impacts on natural resources, visitor experience and neighboring land uses
- Tightening water supplies and a shift in water demand from agricultural uses to municipal household and commercial uses.

User fees

- Daily vehicle permit fees, the primary source of parks operational funding, have not increased in since 2004.
- User fees have allowed Larimer County to upgrade 18 campgrounds, marinas, and trailheads since the 2007 Master Plan.

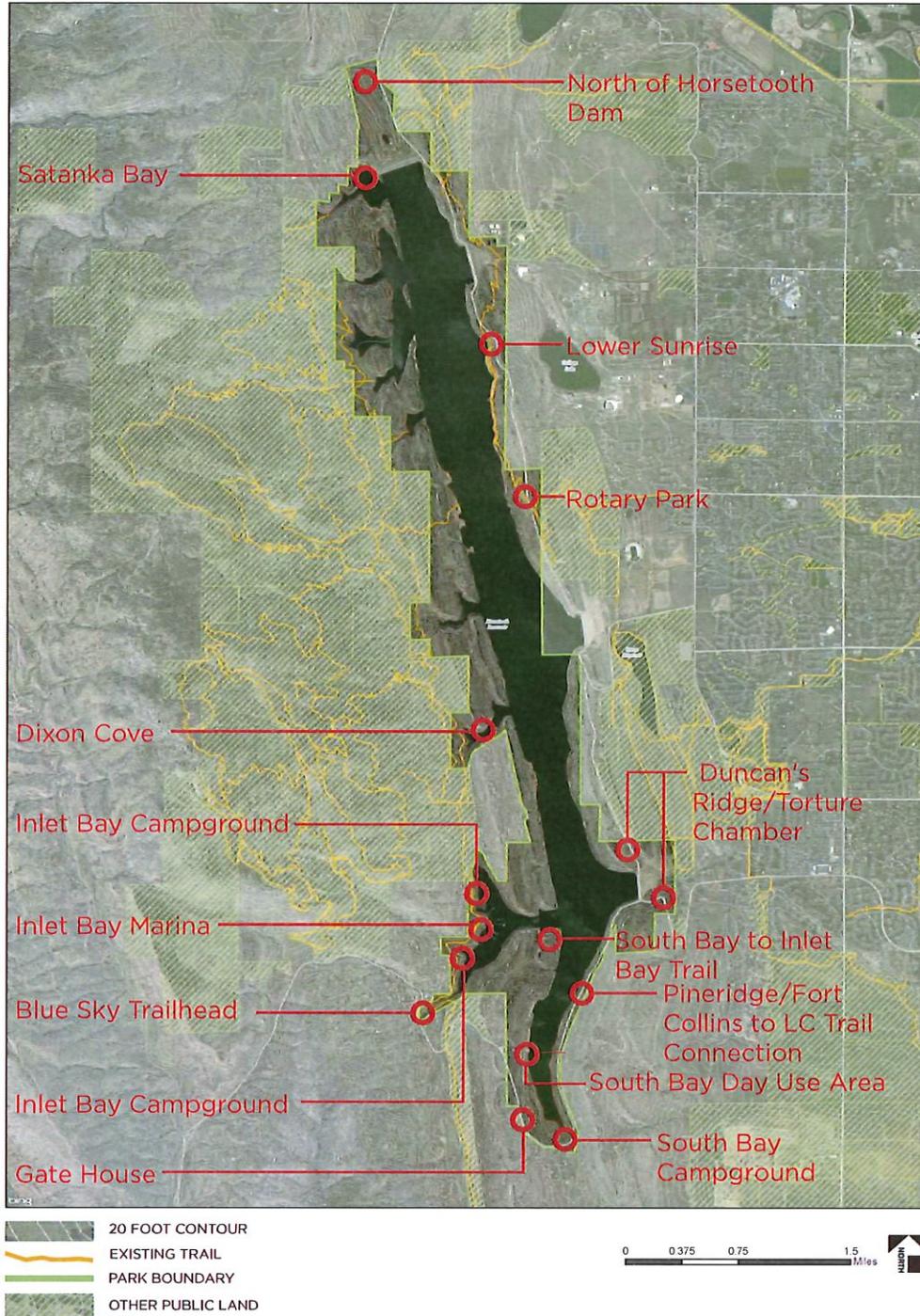
Common to All Areas

Potential Improvements

OPPORTUNITY	LOCATIONS	POTENTIAL IMPROVEMENTS
LAND ACQUISITION	All	Acquire additional land near existing reservoirs for buffering, expanding recreation sites, and trail connections as new opportunities arise with willing sellers. Purchase new reservoir or mountain properties as opportunities arise with willing sellers.
CAMPGROUNDS AND DAY USE AREAS	All	Introduce nature play areas as part of the campground experience where practical at new and existing campgrounds. Elements could include rock, log and wood structures or other facilities intended to encourage active play without standard playground equipment. An example of this is located at Pinewood Campground.
	All	Expand outdoor environmental education opportunities. Elements may include nature trails, interpretive panels, or nature talks.
	All	Evaluate the condition of all facilities and develop a capital renovation/ replacement plan for all recreation sites.
	All	Improve lighting with dark sky (downcast) light fixtures as part of rotating recreation site renovations, with priority to camping areas.
	All	Explore expanded use of web cameras, social media notifications, and/or electronic signs to inform visitors of parking lot availability.
	All	Renovate existing day use areas (restrooms, picnic tables) and restore social trails.
	All	All new recreation facilities would be ADA compliant to the extent feasible.
	All	Provide bear proof trash cans.
	Flatiron or Carter	Explore locations for a new RV dump station.
	Pinewood and Flatiron	Update all signage and locate additional signs for safety and swimming/boating hazards.
AQUATIC NUISANCE SPECIES INSPECTION	Horsetooth, Carter and Pinewood	Continue investigating how to best protect water quality with all involved partners while streamlining the boat inspection process to ensure a pleasurable recreational experience.
WEED CONTROL	All	Continue to proactively manage vegetation to reduce noxious weeds to encourage native plant populations.
ENTRANCES	All	Standardize of all monument signs with Reclamation logo.
	All	Upgrade existing gatehouses with standard gatehouse design, ADA accessibility and include an employee restroom.

Horsetooth Reservoir

Facility Improvement Locations



Horsetooth Reservoir

Potential Improvements

LOCATION	POTENTIAL FACILITY IMPROVEMENTS	ALTERNATIVES CONSIDERED BUT DISMISSED
INLET BAY CAMPGROUND	<ul style="list-style-type: none"> • Add safety signage and wayfinding to reduce conflicts for Inlet Bay Trail users and vehicles. • Investigate potential to improve the functionality of and add a limited number of campsites without using fill from the reservoir. 	<ul style="list-style-type: none"> • Additional large number of campsites infeasible due to lack of additional land at this time. • Relocating the Inlet Bay Trail off campground roads is dismissed due to the lack of a viable alternative.
INLET BAY MARINA	<ul style="list-style-type: none"> • To improve parking efficiency, pave and stripe the major parking lots. • Improve entrance road. • Investigate a potential trailer parking reservation system. • Add flush toilet, new shelter, and replace tree screen near existing docks. • Reconstruct Inlet Bay Marina Store on land and consolidate with remodeled Maintenance Shop. • Increase number of moorings/slips at Inlet Bay Marina. • Replace flag pole lighting to reduce glare. • Construct row boat storage building and dock with partners. 	
SOUTH BAY TO INLET BAY TRAIL • SEE CONCEPT PLAN	<ul style="list-style-type: none"> • Add new hiking and mountain biking trail connecting South Bay to Inlet Bay away from sensitive wildlife habitat. 	
SOUTH BAY AND INLET BAY GATEHOUSES	<ul style="list-style-type: none"> • Upgrade existing gatehouses with standard gatehouse design, be ADA accessible and include an employee restroom. 	
SOUTH BAY - DAY USE	<ul style="list-style-type: none"> • Improve pit toilets at South Bay boat ramps. • Re-surface and stripe parking lot at boat ramp. • Replace docks. • Repave/upgrade upper ramps. • Investigate opportunities for further site and safety improvements at the South Bay natural swim area. 	
SOUTH BAY - CAMPGROUND	<ul style="list-style-type: none"> • Investigate opportunities for additional parking at camping areas. • Investigate opportunities to expand camping without using fill from the reservoir. • Upgrade some existing electric RV sites to full-service hookups. • Replace existing modular cabins that have exceeded their useful life with high quality camper cabins. 	
DUNCAN'S RIDGE/TORTURE CHAMBER	<ul style="list-style-type: none"> • Improve signage and information about the area. • Work with City of Fort Collins to maintain parking area at Duncan's Ridge. • Work with climbing community to maintain access and develop a stewardship plan. 	
ROTARY PARK	<ul style="list-style-type: none"> • Address nuisance uses. • Increase restoration efforts and fence off restoration areas. 	

Horsetooth Reservoir

Potential Improvements (Continued)

LOCATION	POTENTIAL FACILITY IMPROVEMENTS	ALTERNATIVES CONSIDERED BUT DISMISSED
LOWER SUNRISE	<ul style="list-style-type: none"> Add stairs into water to help with changing water levels. Add signage, enforce dogs off-leash/in water regulations. 	
NORTH OF HORSETOOTH DAM • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 40-Parking Spaces 1-Large Group Use Area & Shelter Gate- Locked gate when archery range closed Habitat improvements Archery Range at disturbed area Single track trail with 3D targets along trail Archery Ranger would be day use; additional fee for 3D target loop. Safety would be a priority in the design (target distance, terrain shielding, etc.) 	<ul style="list-style-type: none"> Passive interpretive trail as the only feature as it would not be consistent with the Park's mission. Disc golf course as the site is not large enough; discs could land in the canal; five existing disc golf courses in Fort Collins.
SATANKA BAY • SEE CONCEPT PLAN	<ul style="list-style-type: none"> ~90-Trailer Parking Spaces, to be phased based on demand. 900' Road access from Satanka boat ramp to parking near base of Dam. 1200' access trail from parking to top of Dam with switchbacks up ridge. Paddle Board Launch Area. For peak use only on weekends and holidays. 	<ul style="list-style-type: none"> Dismissed converting Satanka Bay or coves to paddlesports only due to demand for boating, and planned opportunities at Chimney Hollow Dismissed relocating paddlesports concessionaire to a cove (via Lory SP)
BOAT-IN ACCESS ON WEST SHORELINE COVES	<ul style="list-style-type: none"> Plant natural vegetation to screen Dixon Cove outhouse. Improve shoreline trail. Add composting toilets at South Eltuck and North Eltuck Coves. Add two new mulching toilets in the coves for day use. 	<ul style="list-style-type: none"> Limiting the number of boats in any one cove would create a difficult management challenge Dismissed allowing walk-in camping in coves
BLUE SKY TRAILHEAD	<ul style="list-style-type: none"> Plant vegetation to screen parking lot 	<ul style="list-style-type: none"> Adding a playground is not consistent with Reclamation policy
PINERIDGE/FORT COLLINS TO SOUTH BAY TRAIL CONNECTION	<ul style="list-style-type: none"> Investigate opportunities to work with other County Departments to improve bicycle access and public safety along CR38E to Horsetooth Reservoir 	<ul style="list-style-type: none"> An off-street, multi-use trail is not feasible at this time because of private land rights and County Road 38E safety concerns.
FORT COLLINS SHUTTLE TO HORSETOOTH RESERVOIR	<ul style="list-style-type: none"> NA 	<ul style="list-style-type: none"> Not enough interest has been demonstrated to merit consideration at this time
OTHER TRAILS	<ul style="list-style-type: none"> Continue to acquire land or easements to complete trail connections between Fort Collins and Horsetooth Reservoir on a willing seller basis. 	<ul style="list-style-type: none"> Trail around entire reservoir not feasible due to existing dams and Reclamation infrastructure
RESOURCE ENHANCEMENTS	<ul style="list-style-type: none"> Remove old fences on east side of reservoir to reduce wildlife barriers and mortality. Investigate limited opportunities for waterfowl hunting in remote areas during low use seasons. 	

Carter Lake

Facility Improvement Locations



- 20 FOOT CONTOUR
- EXISTING TRAIL
- PARK BOUNDARY
- OTHER PUBLIC LAND



Carter Lake

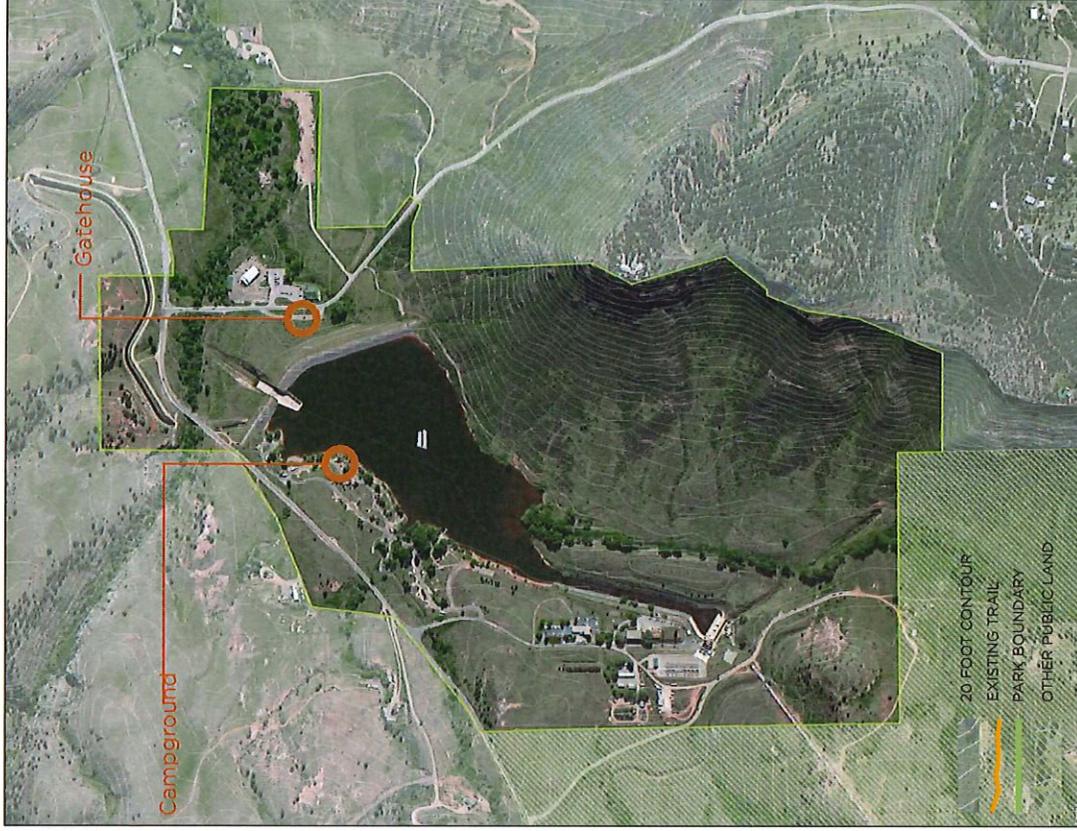
Potential Improvements

LOCATION	POTENTIAL FACILITY IMPROVEMENTS	ALTERNATIVES CONSIDERED BUT DISMISSED
NORTH PINES CAMPGROUND: OPTION 1 CAMPING • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 6-Individual Tent Sites (New and Regraded Existing Sites) 14- Additional Parking Spaces 22- Trailer Parking Spaces 1-Floating Boat Storage 15- Additional Parking Spaces by Water Tank 2- Restrooms 	
NORTH PINES CAMPGROUND: OPTION 2 DAY USE • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 9- Additional Parking Spaces 12- Individual Day Use Spaces or Walk In Camping Spaces 22- Trailer Parking Spaces 2- Restrooms Day Use Areas 1-Dryland Boat Storage 	
NORTH SHORELINE	<ul style="list-style-type: none"> Connect North Pines and Marina with a trail, potentially with aggregate base course along the shoreline. Add wayfinding and interpretive signage and benches. 	
EAGLE CAMPGROUND	<ul style="list-style-type: none"> Construct 3 new cabins. Construct a wildlife friendly privacy fence to screen residences. Add campsites west of existing sites in the meadow. 	
MARINA AREA	<ul style="list-style-type: none"> Improve and manage boat pump out on the dock. Repave/upgrade boat ramps. To improve parking efficiency, pave and stripe the major parking lots. 	<ul style="list-style-type: none"> Full-service restaurant due to water requirements
BIG THOMPSON & QUARRY AREA: OPTION 1 DAY USE • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 2-Restrooms 88-Parking Spaces Natural Swim Areas Trail to Swim Areas 45-Parking Spaces at Trailer Parking Area & Underpass 35-Trailer Parking Spaces 1-Underpass from Parking to Floating Courtesy Dock 1-Overlook 	
BIG THOMPSON & QUARRY AREA: OPTION 2 CAMPING • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 9-Electric RV Camp Sites 1- Restroom Natural Swim Areas 	<ul style="list-style-type: none"> Cabins or RV camping dismissed due to demand for parking.
NATURAL SWIM AREA • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 1-Restroom Day Use Area (Walk and Bike In) Natural Swim Area Trail to Swim Beach No vehicular parking 	
BIG LANDIA • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 1-Restroom 20-Parking Spaces 20-Tent Pads 1-Large Group Shelter 1-Fire Ring 1-Gate Group campground by reservation only 	<ul style="list-style-type: none"> Cabins or RV camping dismissed to conserve the character of the area.
CARTER KNOLLS: OPTION 1 CABINS & RV SITES • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 6-Cabins With Picnic 6-RV Pull Through Sites 12-Parking Spaces 1-Restroom 	
CARTER KNOLLS: OPTION 2: DAY USE • SEE CONCEPT PLAN	<ul style="list-style-type: none"> 1-Restroom 32-Parking Spaces 11- Individual Day Use Spots 1-Large Group Day Use 	
SOUTH SHORE CAMPGROUND	<ul style="list-style-type: none"> Improvements in progress. 	<ul style="list-style-type: none"> Camping below the high water mark Boat-in camping
GATEHOUSE	<ul style="list-style-type: none"> Upgrade RV dump station. Upgrade existing gatehouses with standard gatehouse design, be ADA accessible and include a restroom. 	
CONNECT TO COUNTY OPEN SPACES	<ul style="list-style-type: none"> Add trail connection to future Chimney Hollow property. 	

Flatiron Reservoir

Potential Improvements

LOCATION	POTENTIAL FACILITY IMPROVEMENTS	ALTERNATIVES CONSIDERED BUT DISMISSED
CAMPGROUND	<ul style="list-style-type: none"> Upgrade campground amenities. Improve group use area and campground education facility. Address flooding issues by upgrading culverts. 	<ul style="list-style-type: none"> Full RV hook ups not consistent with level of service provided at this reservoir.
GATEHOUSE	<ul style="list-style-type: none"> Upgrade existing gatehouses with standard gatehouse design, be ADA accessible and include a restroom. 	
OTHER IMPROVEMENTS/ACTIONS	<ul style="list-style-type: none"> Update Identification sign and kiosk area. Add additional signs for safety, explanation of why swimming is not allowed. Fishing etiquette signs. Pedestrian connection from Natural Resources Administration Building to Cheyenne Day Use Area. Evaluate ADA compliance and opportunities. 	<ul style="list-style-type: none"> Trail connection to Chimney Hollow may be considered through subsequent planning efforts. Trail around reservoir not feasible due to existing dams and Reclamation infrastructure. Need not established for additional restrooms. Swimming and float tubes dismissed because swimming and boating is not safe at this reservoir. Disc golf not consistent with mission of the reservoir.



Pinewood Reservoir

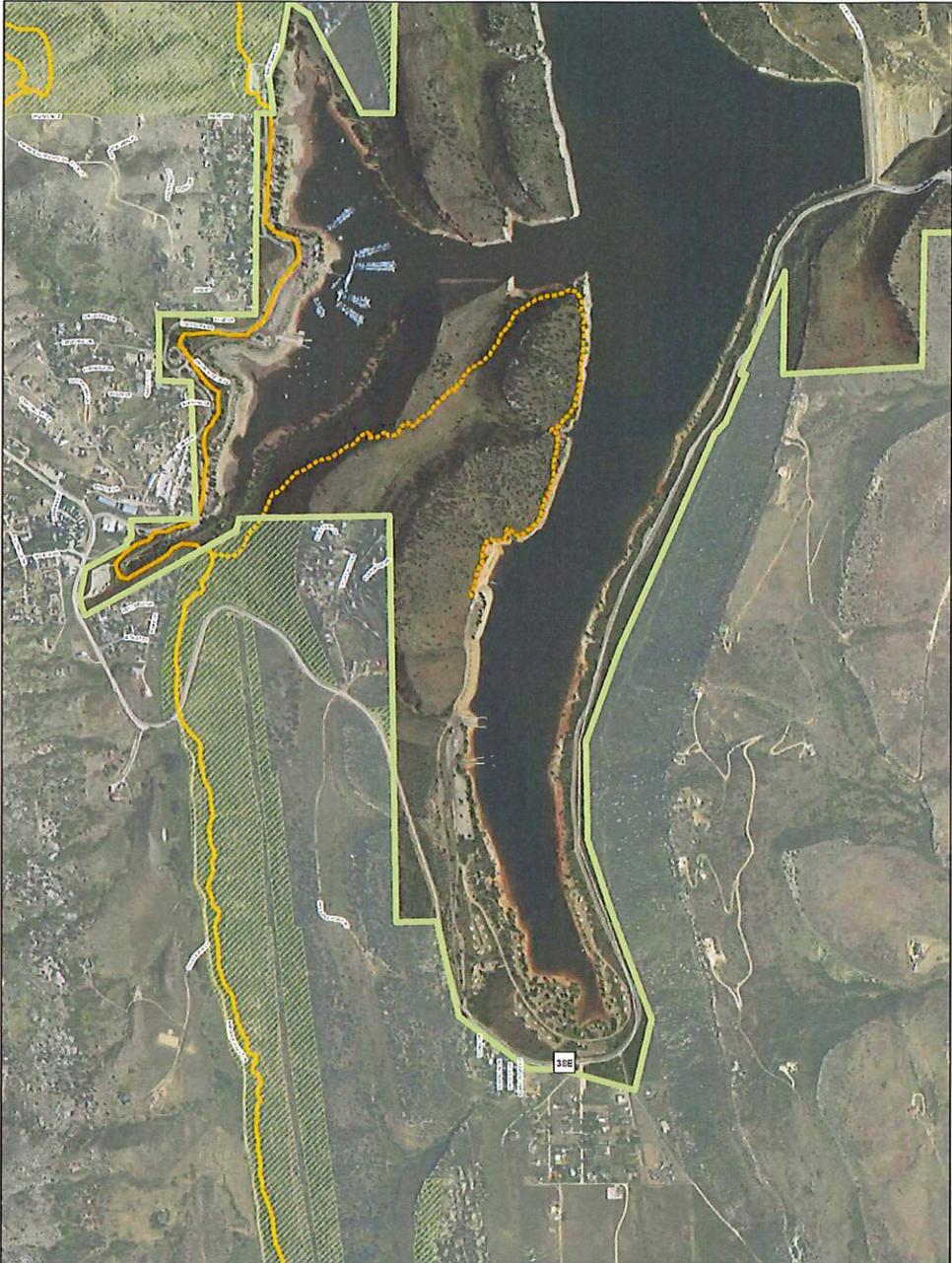
Potential Improvements

LOCATION	POTENTIAL FACILITY IMPROVEMENTS	ALTERNATIVES CONSIDERED BUT DISMISSED
FISHERMAN'S COVE DAY USE AREA	<ul style="list-style-type: none"> Add exit/entry to parking lot on south side of parking lot. If necessary for dam security, add future trailhead below dam and improve trail sustainability to Fisherman's Cove Parking. See concept plan. 	<ul style="list-style-type: none"> Inadequate space for horse trailer parking at this time.
LAUNCH AND PARKING AREA	<ul style="list-style-type: none"> Replace ramp with new 60 foot boat ramp. Improve safety and add signage near dam area. Provide bear proof trash cans. 	
PINEWOOD CAMPGROUND		<ul style="list-style-type: none"> An RV dump station would not be feasible at Pinewood. Visitors can use the Carter Lake dump station or private facilities. Need is not established for new cabins at Blue Mountain trailhead.
BLUE MOUNTAIN AREA	<ul style="list-style-type: none"> Upgrade day use area. Add no swimming signage near penstocks / siphon area, change safety rope to indicate danger. Add self-service kiosks. Add letter signs for safety. 	
OTHER IMPROVEMENTS/ACTIONS		



Horsetooth Reservoir

SOUTH BAY TO INLET BAY TRAIL



- EXISTING TRAIL
- PROPOSED TRAIL
- PARK BOUNDARY
- OTHER PUBLIC LAND



