

AGENDA
UPPER YAMPA WATER CONSERVANCY DISTRICT
BOARD OF DIRECTORS MEETING
WEDNESDAY, SEPTEMBER 18, 2019 (1:30 PM)
MOUNTAIN VALLEY BANK COMMUNITY ROOM
2220 CURVE PLAZA, STEAMBOAT SPRINGS, CO

- (1) *1:30 pm* Establishment of Quorum and Call to Order;
- (2) Consent Agenda; action item
 - a) Financial Memo
 - i) 2020 Estimated Tax Income
 - ii) Approval of Disbursements
 - iii) Budget Comparison
 - b) Approval of the minutes of the July 24, 2019 and August 22, 2019 Board Meetings
 - c) Stagecoach Firming Resolution
- (3) Approval of Agenda for Meeting; action item
- (4) *1:40 pm* Film Series Proposal – Greg Hamilton; action item
- (5) *1:55 pm* 2018 Fiscal Year Audit; action item
- (6) *2:10 pm* Colorado Parks and Wildlife Proposed Capital Projects; action item
- (7) Public Input and Comment;
- (8) *2:30 pm* Report of the General Manager;
 - a) 2020 Draft Budget
 - b) 360 Review Staff and Board Governance
 - c) ERC Contracts
 - d) Y/W/G Roundtable Grant Application action item
 - e) Annual Retreat action item
- (9) *3:10 pm* Report from District Engineer;
 - a) Reservoir Water Status
- (10) *3:15 pm* Report from General Counsel;
 - a) Water Resumes
 - b) Status of other Water Cases, if any
 - c) Contract Negotiations
- (11) *3:35 pm* Executive Session under CRS § 24-6-402(4)(e) for Instructions to Negotiators for Water Contracts. Mere presence or participation of an attorney at an executive session of the local politic body is not sufficient to satisfy the requirements of this subsection (4).
- (12) *4:20 pm* Executive Session with Bob Weiss, legal Counsel, under CRS § 24-6-402(4)(b) to discuss legal issues on Water Resumes, Water Cases, and Contract Negotiations. Mere presence or participation of an attorney at an executive session of the local politic body is not sufficient to satisfy the requirements of this subsection (4).
- (13) Other Unfinished Business, New Business;
- (14) *4:50 pm* Board Member Reports;
 - a) Proposition DD – Director Brenner
- (15) Determination of Future Meetings;
- (16) New Business;
- (17) Adjournment.

4)





BOARD COMMUNICATION FORM

From: Holly

Date: 9/13/19

Item: Your Water Table Film Proposal – Greg Hamilton

DIRECTION
 INFORMATION
 MOTION
 RESOLUTION

I. Request/Issue and Background Information:

Local filmmaker, Greg Hamilton will present a proposal for sponsorship of a film series titled Your Water Table: Finding Common Ground in Our Rivers. He requesting \$4000 of grant funds to sponsor one episode in the film series. Other partners in the film series include YWG Basin Roundtable, Friends of the Yampa, and American Rivers. The proposal is attached for your review.

II. Summary and Alternatives:

N/A

III. Staff Recommendation:

Contingent upon presentation.

IV. Legal Issues:

N/A

V. Consistency with Board Goals and Policies:

Attachments:

Attachment 1: Your Water Table Film Proposal

Your Water Table: Finding Common Ground Around our Rivers

A series of short educational videos on the river basins of Northwest Colorado



Proposal for Upper Yampa Water Conservancy District



Upper Yampa Water
Conservancy District

by **Greg I. Hamilton** and **Ben Saheb**
of the **Mountaintown Film Collective**



Contact: Greg I. Hamilton (303) 552-7316 greg@MFCFilms.org

Executive Summary

We're a team of professional filmmakers with a deep passion for rivers. The core members of our creative team share more than **47 years' experience** confronting nuanced topics, crafting compelling stories, and connecting those stories with viewers to spark engagement. We've worked with a wide range of nonprofits, federal land agencies, and academic institutions to help share their important work with the world. We're **based here in the Yampa Valley** with numerous existing video assets on our local rivers, extensive working relationships with the stakeholders involved, and endless enthusiasm for spreading knowledge and engagement to benefit the health of our rivers and the many communities they serve.

We're creating a series of **six short videos** (targeted for 90 seconds each) **to educate and engage the public** on the **issues, threats, and opportunities facing our local water resources**. With topics selected to illustrate the goals of the Yampa-White-Green Basin Implementation Plan (BIP), each episode will provide enticing hooks and just enough content to open viewers' minds to aspects of river management they may not have considered. We'll end each video with a "bumper" highlighting the much broader scope of the work at hand. As a **call-to-action**, we'll drive viewers to a new online resource, YourWaterTable.org (content to come) offering additional video episodes, ways to get involved, plus content and links provided by the Yampa-White-Green Basin Roundtable and the other official partner(s) of our series.



Episode Structure and Topics

We've designed this video series as both standalone short episodes— free to view online— as well as a cohesive longer presentation (target 9 minutes) for use in schools, community talks, and other presentations. Each episode will feature a primary topic and storyline (approximately 75 seconds) plus a 15-second "bumper" to conclude. The bumpers will have a consistent feel (e.g., common music bed) but vary content to avoid redundancy when played back-to-back. Topics include:

- **"Storing for the Future: Our Place in the Water Cycle"** - There is a science to predicting river flows and one thing is clear: our water supply is under constant threat. Modern, well planned storage is a far cry from inefficient megadams of the past, but meddling with the water cycle will always stir up lively debate across Northwest Colorado. A couple of our venerable water conservation experts will touch on the challenges of planning and implementing solutions for an uncertain future. Featuring visuals ranging from snowfall in remote headwaters to the flow of water through irrigated fields and industrial facilities, the episode will illustrate how we store and share water today. Of particular interest will be forthcoming adaptive management solutions such as the Yampa Water Fund, with its interconnected benefits to agriculture, wildlife, recreation, and the economics of the region.
- **"Agriculture in the Basin: What Grows where the River Goes"** - In this episode we'll visit Maybell, a small ag community on a big river. Mike, a local rancher, tells us about flood irrigation, the dynamics of alluvial recharge, and the benefits to foraging grasses and livestock. Following Mike and his dog on their morning rounds to tend their irrigation ditches, we feel how the rhythm of the ranching life echoes the flow of water through the land. Beyond the obvious benefits to our food supply and ranching-based economy, we learn how flooded fields' late-season release back into the river ultimately benefits other users, from fishermen, rafters, and city dwellers to the native flora and fauna of our basins.

- **"Life in the Water: Recreation and Wildlife"** - We'll profile an outfitter who wears more than one hat: one who understands that uses such as rafting or angling are complementary with consumptive uses like agriculture, municipal, and industrial use. We'll explore current management practices that affect native fish populations and habitat. We'll see birdwatchers rising before dawn to catch a glimpse of endangered sandhill cranes which roost on the shores of the Yampa, near Carpenter Ranch. We'll join a rafting expedition as it careens through thrilling whitewater then later floats past majestic canyons of Dinosaur National Park. And we'll learn about the native fish populations' ongoing battle with rival species that have been introduced to these rivers, touching on the mission, tactics, and challenges facing the state's Endangered Fish Recovery program.
- **"Settlements by the River: Municipal and Industrial Water Use"** The geography of human history makes it clear that humans have always settled near rivers. From our morning shower to the power outlet in the wall, the river flows through it all. In this episode we'll see contrasting scenes: a couple at a chic restaurant sipping water as they gaze over the Yampa; the gush through the intake of a treatment plant; sunlight sparkling through sprinklers over green soccer fields; the violent evaporation of the power plant's boiler. Our experts— one responsible for energy production, the other for a city's water supply— discuss challenges in light of massive projected population growth throughout the region.
- **"The Yampa is Wild: A Nearly-Natural Hydrograph"** - Taking a bird's eye view, we'll see how the free-flowing Yampa is unique in the Colorado River Basin, and even across the entire U.S. This is Mother Nature's version of the Wild West: from tumultuous flood stages to alarmingly low flows, the river's dramatic variation supports intricate ecosystems that pre-date today's immense human influence. The episode will include a conversation in the plane between two decisionmakers with very different constituencies, reflecting on the challenges that face the future of water in this basin. Zooming out to put the Yampa in a national— or even global— context, we see how rare and important are the lessons of this one special river as we seek to find balanced management of our waterways.
- **"Case Study: The White River"** - We travel south to Rio Blanco County to see an example of how every river faces its own unique set of circumstances. From fishing its headwaters in the Flat Top Wilderness through meeting ranchers near the town of Meeker, we follow 200 miles of the White from Colorado to Utah. Along the way, we learn that scientists are assessing why algae blooms are choking the upper reaches of the river, while Rangely's citizens and policymakers are considering a proposed reservoir just upstream of their little town. The White serves as a microcosm of the many forms of study and management that all our rivers require.

For each episode's main storyline, we'll aim for these critical components:

1. A **hook** to lure viewers in: a surprising statistic or fact, an eye-catching quote, a humorous sound bite, stunning imagery, etc.
2. An engaging **character** to provide a human face to the topic. We'll go beyond job titles, portraying each episode's leading character as not merely an expert, but a relatable human being.
3. Compelling **visuals** that illustrate the topic at hand: we seek *visual evidence* over textual/narrated explanations, following the filmmaking principle of "show, don't tell."
4. Memorable **takeaway**: while the topics are complex and nuanced, each episode will endeavor to provide a few valuable nuggets of knowledge. As jazz great Charles Mingus said: "Making the simple complicated is commonplace; making the complicated simple, awesomely simple, that's creativity."

"Making the simple complicated is commonplace; making the complicated simple, awesomely simple, that's creativity."

- Charles Mingus

Project Stages and Timeline

Research and Pre-Production - Winter and Spring '19: To begin, we'll focus on building a relationship with the appropriate representatives from our series partners. Coordinating with your team will be a valuable asset throughout the project: we work with you to bring your story to life. We'll establish a solid understanding of your organization's work in Northwest Colorado that will inform the structure of each episode. To streamline group feedback, we ask for one point person from your organization per episode (or one for the entire series).

We'll confirm our six topic outlines and identify: shooting locations, one or two individuals to highlight in each episode, existing assets that may be available, hooks to grab viewers, and creative approaches to make each episode effective. We'll contact proposed individuals to confirm participation and sense what they may bring to their episode. We'll draft interview questions and a shooting plan to assure each outing brings back ample materials to edit a complete episode. Seasonal timing of each shoot will be a key factor to consider, making sure that we collect footage that illustrates the year-round challenges and opportunities of effective river management.

We employ "paper edits" in the form of shot lists, rough scripts, and storyboards at various stages of pre-production through post-production. We've found these to be a highly efficient way to collaborate when discussing the uncertainties of field shooting and the subtleties of a story's flow.

Production - Summer '19: Each location will require at least one full day of filming with a mix of interviews and multiple hours collecting "B-roll" (additional shots needed to round out the story). We've estimated our total field production time at 14 days to account for travel time and work on-location to gather the required media (full HD video, stills, and audio). That includes two extra days for weather and other contingencies.

Post-Production - Late Summer '19: At the conclusion of each shoot we return to our offices to log the assets we captured and begin organizing each episode's story. We'll keep partners in the loop with paper edits and, when ready, video edits for review and feedback. After viewing the first rough cut, we've budgeted up to two rounds of feedback to revise and finalize each episode.

We are veterans at delivering projects that meet and exceed client needs, and we endeavor to avoid additional revisions by including each partner in the creative process from pre-production through final cut. Upon final approval, we color-grade, sweeten the audio, and mix the sound to professional standards. We master and export each completed episode for online viewing.

Distribution and Outreach - Fall '19 onward: We'll secure YourWaterTable.org as an online home for all episodes as well as links to additional resources. Once established, we'll determine ideal timing to release each episode and provide episode descriptions and still images to help promote that release and attract viewers.

We expect each series partner (including the Yampa-White-Green Basin Roundtable and our fiscal sponsor Friends of the Yampa) to help share the content with each of their respective community followings. We'll assemble the episodes into presenter-friendly packages with talking points and additional material for school talks and other forms of live presentations. Beyond our partners, we expect to make the material available to the media (e.g., Rocky Mountain PBS) plus other local, regional, and national organizations with water education in their mission: groups such as Yampatika, the state Water Educator Network, River Network, and many more.

Scope of Work and Deliverables

Copyright in the video, audio, and all other creative and intellectual property will be held by our production company, with official partners receiving an unlimited license to use the completed video episodes and series for any and all purposes.

We will deliver:

- **Six web-based episodes**, targeted at 90 seconds each (total **series length: 9 minutes**)
- **An online program landing page** for additional information and links
- Selected still images and written episode descriptions for press and other needs
- Source files for the content that may be adapted for future formats and needs
- All applicable talent and location releases gathered during filming
- All applicable asset licenses and permissions (e.g., music) gathered in creating the work

Our scope of work includes:

- Research and pre-production, including up to eight hours meeting/conferring with presenting partners of the series
- "Paper edit" notes, outlines, or scripts for review prior to shooting and during edit
- Professional production of HD-quality video and audio
- Story development and editing to create cohesive episodes
- Up to two rounds of revisions based on partner feedback on each episode
- Setting up video hosting and uploading approved episodes for online viewing
- Designing and hosting a professional website
- Drafting all web verbiage including back-end SEO content
- Listing each partner as "additional insured" on \$1 million general liability insurance coverage for at least one full year during production

Fully Matched Investment

To serve as sponsor of one episode of the series, we're seeking \$4,000 from Upper Yampa Water Conservancy District. Our team **has already secured dollar-for-dollar matching funds** from the Yampa-White-Green Basin Roundtable. [Click for detailed budget.](#)

Expenses	\$19,000	Creative Team - Pre-production and Production
	\$11,230	Creative Team - Post-production and Distribution
	\$ 1,296	Travel Expense - Production
	\$ 3,000	Equipment
	<u>\$ 2,156</u>	<u>Insurance, Licenses, Contingency</u>
	\$36,682	
Projected Revenues	\$18,283	Yampa-White-Green Basin Roundtable - secured
	\$10,000	American Rivers series sponsor - secured
	\$ 4,000	UYWCD proposed investment - proposed
	\$ 3,000	Yampa-White-Green Basin Roundtable - proposed
	<u>\$ 1,399</u>	<u>Friends of the Yampa funding gap support - proposed</u>
	\$36,682	

Fiscal Sponsorship: We have partnered with Friends of the Yampa, a 501(c)(3) non-profit organization, as our fiscal sponsor for this project. This provides partners the option of contributing via a tax-deductible donation (to the extent allowed by law).



Qualifications

For *Your Water Table* we've assembled a trio of film professionals with a common passion. Our work spans 69 film projects (and counting) with multiple awards, national tours, multi-million viewerships, and more than 33 film festival selections. Despite the global reach of our work, there is a reason we all call Northwest Colorado home. We are river people.



Our passion is for people and the outdoors. Our niche is telling stories of the Colorado River Basin. We love encountering the natural wonders and meeting the personalities that follow the serpentine banks of our Western rivers. When it comes to watersheds, we have experience with a variety of common stakeholders, having worked successfully with board members of nonprofits, outdoor brands, plus agencies and granting organizations at the state and federal level. We also volunteer for nonprofits, we're part of community-based river clean-ups, and we support other charitable events in our communities.

Our filmmaking work encompasses:

- Science- and data-based film
- Expedition-oriented, multi-week productions
- Archival research and presentation
- Full-length features to the one minute vignette



Key Creative Personnel

- **Greg I. Hamilton (Producer, Director, Writer)** has written and directed documentaries that have been selected for 6 awards from 30 festivals including Sundance and the world's longest running wildlife and environmental film festivals (IWFF and DCEFF). His comfort producing complex projects with multiple stakeholders stems from ten years at Warren Miller Films where he successfully managed a multi-million dollar sponsor roster. Greg has a passionate enthusiasm for big, exciting projects that genuinely move people. A cultural anthropologist, he studies people: everything we do and particularly what we do well. 
- **Ben Saheb (Director of Photography)** a professional filmmaker in Steamboat since 2009, Ben directed and produced for Steamboat TV18, worked as the lead filmmaker for Steamboat Powdercats, and produces short films and documentaries for Rig to Flip. He feels blessed to have a career as a filmmaker around one of the most sacred watersheds in the world. He brings to each story a deep understanding of water issues in the American West and uses his technical knowledge to captivate viewers with stunning imagery. 
- **Cody M. Perry (Story Consultant)** specializes in stories about the Colorado River Basin's land, water, and people. Cody has worked with nonprofits, federal land agencies, outdoor brands, and stakeholders across the West to create films that inspire awareness and engagement.
- **Mitch Stypinski (Academic Liaison)** with a degree in environment and sustainability emphasizing in watersheds, Mitch has worked for the BLM as a seasonal hydrologist, as a river ranger along the Upper Colorado Basin, and as a raft guide on the Yampa.

Equipment and Stock Footage Library

We utilize state of the art equipment enabling us to travel fast and light with no compromise. Ben is a **Part 107-certified FAA drone pilot**, with experience in surveying and cinematic shoots. We shoot on a Sony A7 Mark III and a Canon DSLR 80D and we fly a DJI Mavic Pro. We capture wireless audio on lapel mics for interview subjects and record ambiance and soundscape via shotgun mic. All data is stored on a redundant drives, protecting every project against hard drive failure. [Click here for full current inventory of equipment](#). We hand-pick equipment for each shoot and update/upgrade regularly, so all details are subject to change.









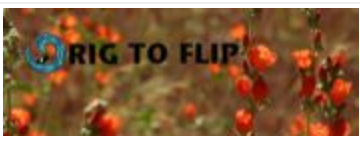

Stock Footage Library featuring Water in the American West: Since 2007 Cody and Ben have collected dozens of hours of water-related video stories and cinematic assets from the greater American West. Roughly 10TB of this content is readily available for use in this project with license fees waived in consideration of budgeted day rates. This library provides assurance that our story will be well-rounded, full of professional-quality visual evidence from multiple locations and seasons, without the cost and time burden of re-shooting. It allows us to focus our talents exclusively on the new content most needed to make each episode timely and compelling.

Production Company

Mountaintown Film Collective (MFC) benefits from the resources of our two established film companies— Rig To Flip and All Get Out Productions, LLC. Together, the combined experience and collaborative work of our three organizations offer: successful fulfillment of state- and nationally-funded grants, confirmed insurance coverage, credit, dedicated bank accounts, and a history of 501(c)(3) fiscal sponsorship to receive tax-deductible donations and grants.

About Mountaintown Film Collective: MFC is an organization of working film professionals based in the Yampa Valley (and those with roots here), providing numerous additional creative resources to augment the above team. MFC currently has 25 members (and growing) who bring talents ranging from cinematography and drone camerawork to editing, fieldwork, screenwriting, post-production, distribution, and audience engagement.

Work Samples - Creative Team's Prior Work

<p>Leafy Spurge - A Call To Action (8 min) Documents the infestation of an invasive weed in the Yampa River riparian zone. This video was part of successful efforts by the Yampa River Leafy Spurge Project to raise over \$89,000 for this ad hoc group's work to assess and combat leafy spurge. https://vimeo.com/189478934</p>	
<p>Power of the River (4 min) The theatrical trailer for this feature-length documentary has received over 10,000 views online, reaching audiences worldwide and generating demand for the full film. https://www.poweroftherivermovie.com/#trailer</p>	
<p>Rio Grande Natural Area (6 min) Short covering a collaborative archaeology field survey project. https://vimeo.com/102500305</p>	
<p>River of Sorrow (2.5 min) Theatrical trailer for Rig To Flip's full length 2016 film. https://vimeo.com/142962130</p>	
<p>#optoutside (2 min) Short film describing the experience of standing and rowing in the Grand Canyon. https://vimeo.com/244402331</p>	
<p>2017 Rig To Flip Reel (3 min) Our most beautiful cinema from projects across 2017. https://vimeo.com/244416668</p>	
<p>Rig To Flip Full Catalog. https://vimeo.com/rigtoflip</p>	
<p>Greg I. Hamilton's Sizzle Reel (1 min) Samples from Greg's 2011 Robert Redford- and Warren Miller-narrated film <i>The Movement</i> plus recent projects. https://vimeo.com/240716878 password: AGO</p>	

Thank you for your time and consideration.

Sincerely,




Greg I. Hamilton, Producer/Director/Writer
Mountaintown Film Collective
+1 (303) 552-7316 greg@mfcfilms.com

Ben Saheb, Director of Photography
Mountaintown Film Collective

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August 19, 2019

Board of Directors
Upper Yampa Water Conservancy District
Steamboat Springs, Colorado

We have audited the financial statements of the Upper Yampa Water Conservancy District (the District) for the year ended December 31, 2018, and have issued our report thereon dated August 19, 2019. Professional standards require that we provide you with the following information related to our audit.

Our Responsibility under U.S. Generally Accepted Auditing Standards

As stated in our engagement letter, our responsibility as described by professional standards, is to express an opinion about whether the financial statements prepared by management with your oversight are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles (US GAAP). Our audit of the financial statements does not relieve you or management of your responsibilities.

Planned Scope and Timing of the Audit

We performed the audit according to the planned scope and timing as communicated to management in the planning phase of the audit.

Significant Audit Findings

Qualitative Aspects of Significant Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. In accordance with the terms of our engagement letter, we will advise management about the appropriateness of accounting policies and their application. The significant accounting policies used by the District are described in Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies has not changed during the year ended December 31, 2018. We noted no transactions entered into by the District during the year for which there is a lack of authoritative guidance or consensus. There are no significant transactions that have been recognized in the financial statements in a different period than when the transaction occurred.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimate affecting the financial statements was:

- Management's estimate of depreciation of capital assets is calculated using the straight-line method over the estimated useful lives of the capital assets in accordance with US GAAP. Estimated useful lives and depreciation method was consistent with prior years' application.

Management's process for determining the above estimates is based on firm concepts and reasonable assumptions of future events. We evaluate the key factors and assumptions used to develop the estimates in determining that they are reasonable in relation to the financial statements taken as whole.

Certain financial statement disclosures are of particular importance because of their significance to the financial statement users. The most important disclosures affecting the financial statements were:

- The disclosure of restricted net position in Note 3 is important to users of the financial statements as it identifies the portion of the District's net position that is restricted for use until compensatory mitigation required by a U.S. Army Corps of Engineers' permit is completed.
- The disclosure in Note 4 of the power purchase agreement with the Yampa Valley Electric Association is important to users of the financial statements as it describes the length and general terms of the agreement to sell hydroelectric energy generated by the District.

- The disclosure in Note 4 of the District's future commitments for the operation of the recreational facilities at Stagecoach Reservoir and for reconstruction improvements to be made to Routt County Road 14.

Significant Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. We did not identify any material misstatements during the course of our audit and therefore have not proposed any adjustments to management.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We will request certain representations from management to be included in the management representation letter upon management's approval of the draft financial statements.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the District's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the District's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

This information is intended solely for the use of the board of directors and management of the Upper Yampa Water Conservancy District and is not intended to be and should not be used by anyone other than these specified parties.

Sincerely,

Catterson & Company, PC

**UPPER YAMPA WATER
CONSERVANCY DISTRICT**

Financial Statements

December 31, 2018

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UPPER YAMPA WATER CONSERVANCY DISTRICT

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Independent Auditor's Report

Board of Directors
Upper Yampa Water Conservancy District
Steamboat Springs, Colorado

Independent auditor's report to be added upon management's approval of the draft financial statements.

Steamboat Springs, Colorado
August 19, 2019

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UPPER YAMPA WATER CONSERVANCY DISTRICT
Management's Discussion and Analysis
December 31, 2018

The intent of management's discussion and analysis is to provide an overview and highlights of the financial and other activities of the Upper Yampa Water Conservancy District (the District) for the year ended December 31, 2018. Board members and readers are encouraged to read this section in conjunction with the accompanying audited financial statements. In addition to the accompanying audit it provides a report by the Manager of the activities of the District in 2018.

Overview of the District's Operations and Economic Factors

The District, formed in 1966, provides the legal authority to plan and construct water conservation projects in the Yampa River basin. The District's combined assets represent the largest single source of stored water available for the users in the Yampa Basin. The Yampa Basin is largely recognized as the river with the least amount of stored water, by percent of total flow, of all major river basins in the Colorado River system. The District includes most of Routt County and a small portion of Moffat County. It is governed by a Board of nine directors appointed by the Court.

Yamcolo (9,621 AF) and Stagecoach (36,439 AF) Reservoirs represent two major water conservation projects originally constructed and operated by the District. The Five Pines Mesa Ditch is another District facility and is used to deliver water contracted from the District's Yamcolo Reservoir and water from other decreed water sources. In addition to the facilities described above, the District has contracted for 360 AF of water from Steamboat Lake to enable a plan for augmentation with water contracts for out of priority depletions in the Elk River Valley. Combined these resources are the largest amount of stored water managed by any entity in the Yampa River Basin.

The District's budget is structured into functions (Departments). It now appropriately estimates direct costs, for example the time that staff spends on each individual reservoir and ditch, and further separates water and power expenses at Stagecoach Reservoir. Knowledge of the income and expenses of the individual components will be important as the Board considers enterprise information for financial planning.

The 2017/18 water year began with a lower than average snowpack. This led to water contracting by the Colorado Water Trust (CWT), which is negotiated on an annual basis only, when the CWT determines that the risk of non-consumptive releases exists. Their contract was for 1800 AF. This lower than average snowpack also resulted in decreased power production at the John Fetcher powerhouse at Stagecoach Dam. Even so, the District managed to complete a fill at Stagecoach Reservoir and all but the "raise pool" at Yamcolo. Thus, all the budgeted "take or pay" contracts were billed.

Perhaps the biggest news in the 2018 water year was the extremely dry summer. Due to that the District delivered water from a variety of contract pools. Yamcolo delivered 6362 AF of water for agricultural use, and Stagecoach delivered 4186 AF for a combination of non-consumptive, municipal and industrial uses. The dry conditions continued into the early fall with the first ever

call from the lower reaches of the Yampa, specifically, the Lily Park pump. (Incidentally this is the call predicted by the Districts planning model)

Revenue

Property tax revenues from a 1.82 mill levy on the taxable property of the District, generated \$2,196,892, net of \$72,507 of Treasurer Collection Fees.

Overall water sales were \$635,961, above the \$526,731 budgeted. Increased water sale revenues included a 2018 contract with Colorado Water Trust, a new long term contract with Ski & Resort Corporation with end term in the year 2041, and the Yamcolo Irrigators Association contract which price was renegotiated.

Power generation produced a total revenue of \$129,492 for the year, below the \$228,412 budgeted. Power generation is a direct reflection of the strength of runoff in the Yampa River into Stagecoach.

Other revenues included those generated by the Stillwater Ditch and Reservoirs Company \$7,743, and interest income of \$261,280.

Expenditures

Operation and Maintenance expenditures, and capital improvements for Stagecoach, Yamcolo, and the Five Pines Mesa Ditch continue to bring the facilities up to current operational standards. Total Operating Expenditures, for all of the District's Facilities and Operations, and excluding tax collection fees, were \$1,301,492.

By department these were approximately:

Facilities \$597,000

Administration 139,000

Board of Directors \$65,000

External Affairs \$58,000

Finance \$99,000

Legal \$167,000

Planning \$137,000

Public information \$39,000

Treasure fees added another \$72,000 to expenses in 2018.

Capital expenditures totaled \$338,766.

Overview of the Financial Statements

The District's financial statements comprise of two components: 1) Stand-alone Enterprise fund financial statements, and 2) Notes to the financial statements. This report also contains other supplementary information consisting of comparison of budget to actual non-US GAAP (U.S. Generally Accepted Accounting Principles) Budgetary basis.

Stand-alone Enterprise fund financial statements. These financial statements are designed to provide readers with a broad overview of the District in a manner similar to a private-sector business.

- The statement of net assets presents information on all of the District's assets and liabilities with the difference reported as net assets. Over time, changes in net assets may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.
- The statement of revenues, expenses and changes in net assets presents information showing how the District's net assets changed during the year. All changes in net assets are reported when the underlying event giving rise to the change occurs, regardless of the timing of related cash flows.
- The statement of cash flows represents the information on the change in the District's cash balances during the year segregated into operating, investing and financing categories.

The assets of the District exceeded its liabilities at December 31, 2018 by \$40,448,955. Of this amount, \$26,169,428 is invested in capital assets, net of related debt, \$419,734 is restricted and \$13,859,793 is unrestricted and available for future debt payments and capital improvements.

Statement of Net Assets

	2018	2017
<u>Assets:</u>		
Current assets	14,470,198	12,782,879
Capital assets, net	26,169,428	25,941,938
Other assets		
Total assets	40,639,626	38,724,817
<u>Liabilities:</u>		
Current liabilities	190,671	94,463
Non-current liabilities		
Total liabilities	190,671	94,463
<u>Deferred inflows of resources</u>		
<u>Net assets:</u>		
Invested in capital, net of related debt	26,169,428	25,941,938
Restricted	419,734	419,734
Unrestricted	13,859,793	12,268,682
Total net assets	40,448,955	38,630,354

Statement of Revenues, Expenses, and Changes in Fund Net Assets

	2018	2017
Operating revenues	773,196	772,789
Expenses:		
Operating	597,433	561,244
Administrative	704,059	575,075
Depreciation	111,275	106,807
Total Operating Expenses	1,412,767	1,243,126
Income from operations	(639,571)	(470,337)
Non-operating income, net	2,458,172	2,224,600
Change in net position	1,818,601	1,754,263

Budgetary Comparison

The District budgets for expenses on a non-GAAP basis whereby expenses include debt principal payments and capital outlay and excludes non-cash expenses of depreciation and amortization. In the case of revenue budgetary differences, water sales revenues were slightly higher than budgeted as explained above; power sales were below budgeted amounts and Interest revenues were higher the budgeted figure.

Significant shifts in capital projects occurred due to regulatory considerations including requirements of the State and Division Engineers office requiring measuring devices, the Special Use Permit for the 5 pines ditch from the USFS being delayed. This caused a shift to a measuring device installation at Yamcolo rather than the 5 Pine Mesa ditch and a delay in projected projects a Stagecoach reservoir. Also \$500,000 was set aside for a new office project which did not move forward in 2018, so the overall capital budget was well below the original amount.

Budgetary changes have not adversely affected the financial stability of the District.

The variations between the budgeted income and expenses enumerated above will have no deleterious effect on the liquidity of the District or its future obligations and services.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Statement of Net Position
December 31, 2018
(with summarized financial information as of December 31, 2017)

	<u>2018</u>	<u>2017</u>
Assets:		
Current assets:		
Cash and cash equivalents	\$ 14,423,458	\$ 12,736,047
Due from other governments	-	2,478
Accounts receivable	14,452	13,568
Property taxes receivable	2,284,084	2,236,544
Prepaid expenses	<u>32,288</u>	<u>30,786</u>
Total current assets	<u>16,754,282</u>	<u>15,019,423</u>
Noncurrent assets:		
Capital assets, net of accumulated depreciation	<u>26,169,428</u>	<u>25,941,938</u>
Total noncurrent assets	<u>26,169,428</u>	<u>25,941,938</u>
Total assets	<u>42,923,710</u>	<u>40,961,361</u>
Liabilities:		
Current liabilities:		
Accounts payable	175,733	81,262
Accrued expenses payable	<u>14,938</u>	<u>13,201</u>
Total current liabilities	<u>190,671</u>	<u>94,463</u>
Total liabilities	<u>190,671</u>	<u>94,463</u>
Deferred Inflows or Resources:		
Deferred property tax revenues	<u>2,284,084</u>	<u>2,236,544</u>
Total deferred inflows of resources	<u>2,284,084</u>	<u>2,236,544</u>
Net Position:		
Net investment in capital assets	26,169,428	25,941,938
Restricted for:		
Wetlands mitigation	419,734	419,734
Emergencies	99,116	92,027
Unrestricted	<u>13,760,677</u>	<u>12,176,655</u>
Total net position	<u>\$ 40,448,955</u>	<u>\$ 38,630,354</u>

See accompanying notes to the financial statements.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Statement of Revenues, Expenses, and Change in Net Position
For the Year Ended December 31, 2018
(with summarized financial information for the year December 31, 2017)

	2018	2017
Operating Revenues:		
Water sales	\$ 635,961	\$ 579,794
Power revenues	129,492	185,472
Other income	7,743	7,523
	773,196	772,789
Total operating revenues		
Operating Expenses:		
Facilities:		
Stagecoach reservoir - power generation	171,623	180,845
Stagecoach reservoir - water storage	279,641	227,641
Yamcolo reservoir	132,790	127,624
Stillwater ditch and reservoir	13,379	25,134
Administration	139,145	127,512
Board of directors	65,006	49,330
External affairs	58,016	57,688
Finance	99,340	95,906
Legal	166,889	97,116
Planning	136,625	80,112
Grants, scholarships and public information	39,038	67,411
Depreciation	111,275	106,807
	1,412,767	1,243,126
Total operating expenses		
Operating income (loss)	(639,571)	(470,337)
Non-Operating Revenues:		
Property taxes, net of collection fees	2,196,892	2,102,303
Interest income	261,280	122,297
	2,458,172	2,224,600
Net non-operating revenues		
Change in net position	1,818,601	1,754,263
Net position, beginning of year	38,630,354	36,876,091
Net position, end of year	\$ 40,448,955	\$ 38,630,354

See accompanying notes to the financial statements.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Statement of Cash Flows
For the Year Ended December 31, 2018
(with summarized financial information for the year December 31, 2017)

	2018	2017
Cash Flows From Operating Activities:		
Cash received from customers	\$ 764,569	\$ 756,674
Cash received from other sources	7,743	7,523
Cash payments to suppliers of goods or services	(695,988)	(582,316)
Cash payments to employees for services	(510,798)	(485,160)
	(434,474)	(303,279)
Cash Flows From Non-Capital Financing Activities:		
Property taxes, net of collection fees	2,199,370	2,114,250
	2,199,370	2,114,250
Cash Flows From Capital Financing Activities:		
Purchase of capital assets	(338,765)	(115,915)
	(338,765)	(115,915)
Cash Flows From Investing Activities:		
Interest received	261,280	122,297
	261,280	122,297
Net change in cash and cash equivalents	1,687,411	1,817,353
Cash and cash equivalents, beginning of year	12,736,047	10,918,694
Cash and cash equivalents, end of year	\$ 14,423,458	\$ 12,736,047
Reconciliation of Operating Income (Loss) to Net Cash Provided by Activities:		
Operating income (loss)	\$ (639,571)	\$ (470,337)
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:		
Depreciation	111,275	106,807
(Increase) decrease in:		
Accounts receivable	(884)	(8,592)
Prepaid expenses	(1,502)	9,658
(Decrease) increase in:		
Accounts payable, net of capital amounts	94,471	49,561
Accrued expenses payable	1,737	9,624
	(434,474)	(303,279)
Net cash provided (used) by operating activities	\$ (434,474)	\$ (303,279)

See accompanying notes to the financial statements.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Notes to Financial Statements
December 31, 2018
(with summarized financial information as of and for the year ended December 31, 2017)

Note 1: Summary of Significant Accounting Policies

The Upper Yampa Water Conservancy District (the District) was established in 1966 by Colorado Revised Statutes (CRS) Title 37, Article 45 under the "Water Conservancy Act". The District was formed to provide legal authority to plan and construct water conservation projects in the Yampa Valley of northwest Colorado. The District stores water in two reservoirs, Stagecoach Reservoir and Yamcolo Reservoir, from which water is released to its ultimate users. The Stagecoach dam generates hydroelectric power that is sold to Yampa Valley Electric Association (YVEA). In addition, the Stagecoach Reservoir and dam includes a State recreation area for which the District pays the Colorado Division of Parks to operate.

The District's financial statements were prepared in accordance with U.S. generally accepted accounting principles for governmental entities (US GAAP). The Governmental Accounting Standards Board (GASB) is the standard-setting body for the establishment of US GAAP in governmental entities. The following summary of the more significant accounting policies of the District is presented to assist the reader in interpreting these financial statements and should be viewed as an integral part of this report.

Reporting Entity

The reporting entity consists of (a) the primary government, i.e., the District, and (b) organizations for which the District is financially accountable. The District does not have any component units for which it is financially accountable.

Measurement Focus and Basis of Accounting

The District operates as an enterprise and the accompanying proprietary fund financial statements use a flow of economic resources measurement focus to determine net income and financial position. The accounting principles used are similar to those applicable to businesses in the private sector and, thus, this fund is maintained on the accrual basis of accounting. Revenues are recorded when earned and expenses are recognized when incurred.

Assets, Liabilities, Deferred Inflows of Resources and Net Position

Cash and Cash Equivalents

For purposes of the statement of cash flows, the District considers all highly liquid investments with a maturity of three months or less when purchased to be cash equivalents. The District's investment in the Colorado Local Government Liquid Asset Trust (COLOTRUST) PLUS+ fund is measured at net asset value, equal to \$1.00 per share.

Accounts Receivable

Amounts due to the District from water storage and power sales are reported as accounts receivable. The District's management reviews accounts receivable periodically to consider the collectability of the balances. District management believes all accounts receivable to be fully collectible as of December 31, 2018 and 2017. Therefore, no allowance for uncollectible accounts has been established.

Prepaid Expenses

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid expenses.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Notes to Financial Statements
December 31, 2018
(with summarized financial information as of and for the year ended December 31, 2017)

Note 1: Summary of Significant Accounting Policies (continued)

Assets, Liabilities, Deferred Inflows of Resources and Net Position (continued)

Capital Assets

Capital assets include land, reservoir and dam structures, hydro-electric plant, buildings and improvements, furniture and fixtures and equipment. Capital assets are defined by the District as assets with an initial cost of \$1,000 or more and an estimated useful life in excess of one year. Such assets are recorded at historical cost. The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend asset useful lives are not capitalized.

Capital assets are depreciated using the straight-line method over the following estimated useful lives:

	Years
Buildings and improvements	30 - 40
Furniture, fixtures and equipment	5 - 20

Non-depreciable capital assets of the District include its land, land improvements, reservoirs, and dams.

Deferred Inflows of Resources

In addition to liabilities, the statement of net position includes a separate section for deferred inflows of resources. Deferred inflows of resources represent an acquisition of net position that applies to future periods and will not be recognized as an inflow of resources (revenue) until that time. The District's deferred inflows of resources consist solely of unavailable revenues from property taxes.

Operating and Non-Operating Revenues and Expenses

The proprietary fund financial statements distinguish operating revenues and expenses from non-operating items. Operating revenues and expenses are those that result from providing services associated with the principal activities of the District. Operating expenses include the cost of ongoing operations, related administrative expenses, and depreciation expense. Non-operating revenues and expenses are all those that do not meet the criteria described previously.

Property Taxes

Property taxes are levied on December 15 of each year and attach as an enforceable lien on property on January 1. Taxes are payable in full on April 30 or in two installments on February 28 and June 15. The Routt County Treasurer and Moffat County Treasurer collect property taxes and remit collections to the District on a monthly basis.

Use of Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities as of the financial statement date and the reported amount of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Comparative Financial Statements

The financial statements include certain prior year summarized comparative information in total. Such information does not include sufficient detail to constitute a presentation in conformity with US GAAP. Accordingly, such information should be read in conjunction with the District's audited financial statements for the year ended December 31, 2017 from which the summarized information was derived. Certain prior year amounts have been reclassified to conform to the current year presentation.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Notes to Financial Statements
December 31, 2018
(with summarized financial information as of and for the year ended December 31, 2017)

Note 2: Stewardship, Compliance and Accountability

Budgetary Information

Budgets are adopted on a non-US GAAP basis wherein depreciation is not budgeted; capital expenditures and principal payments on capital debt are budgeted and recorded as expenditures.

The District conforms to the following procedures, in compliance with CRS, Title 29, Article 1, in establishing the budgetary data reflected in the financial statements:

- Prior to October 15, the District's Treasurer submits to the Board of Directors a proposed operating budget for the fiscal year commencing the following January 1. The budget includes proposed expenditures and the means of financing them.
- Public notice is offered by the Board of Directors to obtain taxpayer comments.
- Prior to December 31, the budget is adopted by formal resolution.
- Expenditures may not legally exceed appropriations at the fund level. Revisions that alter the total expenditures must be approved by the Board of Directors.
- All appropriations lapse at the end of each fiscal year.

The District did not adopt any supplemental budget appropriations for the year ended December 31, 2018.

Compliance

The District did not have expenditures in excess of appropriations for the year ended December 31, 2018.

TABOR Amendment

In November 1992, Colorado voters amended Article X of the Colorado Constitution by adding Section 20, commonly known as the Taxpayer's Bill of Rights (TABOR). TABOR contains tax spending, revenue and debt limitations which apply to the State of Colorado and all local governments, excluding enterprises. TABOR requires, with certain exceptions, advance voter approval for any new tax, tax rate increase, mill levy above that for the prior year, extension of any expiring tax, or tax policy change directly causing a net tax revenue gain to any local government.

Future spending and revenue limits are determined based on the prior year's fiscal year spending adjusted for allowable increases based upon inflation and local growth. Fiscal year spending is generally defined as expenditures plus reserve increases with certain exceptions. Revenue in excess of the fiscal year spending limit must be refunded unless the voters approve retention of such revenue.

Except for refinancing bonded debt at a lower interest rate or adding new employees to existing pension plans, TABOR requires advance voter approval for the creation of any multiple-fiscal year debt or other financial obligation unless adequate present cash reserves are pledged irrevocably and held for payments in all future fiscal years.

TABOR requires local governments to establish emergency reserves. These reserves must be at least 3% of fiscal year spending (excluding bonded debt service). Local governments are not allowed to use the emergency reserves to compensate for economic conditions, revenue shortfalls, or salary or benefit increases. The District has reserved \$99,116 of the December 31, 2018 fund net position for this purpose.

Management believes that the District qualifies as an enterprise as defined by TABOR. Therefore, the provisions of TABOR are not applicable to the District.

In November 1999, voters passed a referendum that permanently lifted TABOR restrictions on the amount of revenue the District can collect and expend.

The District's management believes it is in compliance with the financial provisions of TABOR. However, TABOR is complex and subject to interpretation. Many of its provisions may require judicial interpretation.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Notes to Financial Statements
December 31, 2018
(with summarized financial information as of and for the year ended December 31, 2017)

Note 3: Detailed Notes on the Fund

Deposits

The carrying amount of the District's deposits as of December 31, 2018 and 2017 was \$2,261,690 and \$2,154,355, respectively and bank balances were \$2,337,767 and \$2,274,360. Of the bank balances, \$1,441,141 and \$1,390,405 as of December 31, 2018 and 2017, respectively, was covered by federal deposit insurance and \$896,626 and \$883,955, respectively, was uninsured but collateralized in accordance with provisions of the Colorado Public Deposit Protection Act (PDPA).

The PDPA requires that all units of local government deposit cash in eligible public depositories; eligibility is determined by state regulators. Amounts on deposit in excess of federal insurance levels must be collateralized. The eligible collateral is determined by the PDPA. PDPA allows the institution to create a single collateral pool for all public funds. The collateral pool is to be maintained by another institution or held in trust for all the uninsured public deposits as a group. The market value of the collateral must equal or exceed 102% of the aggregate uninsured deposits.

Investments

As of December 31, 2018 and 2017, the District had \$12,156,290 and \$10,558,390, respectively, invested in the COLOTRUST PLUS+ fund. COLOTRUST PLUS+ is a short-term money market fund organized in conformity with Part 7 of Article 75 of Title 24, CRS. The portfolio offers Colorado governmental entities a convenient and efficient means to pool their funds to take advantage of short-term investments and maximize net interest earnings. COLOTRUST PLUS+'s investment objective is to obtain as high a level of current income as is consistent with the preservation of capital and liquidity. The investment advisor for COLOTRUST PLUS+ is Public Trust Advisors LLC, a Colorado-based investment advisor, registered with the SEC. The portfolio manager is responsible for making all of the investment decisions for the portfolio. Wells Fargo Bank, N.A. is custodian of the portfolio's securities and cash. COLOTRUST PLUS+ portfolio invests in U.S. Treasury securities, federal instrumentality securities, agency securities, repurchase agreements, tri-party repurchase agreements, collateralized bank deposits, the highest rated commercial paper, and highly-rated corporate bonds. The portfolio's weighted average maturity to reset is kept under 60 days, which helps to enhance liquidity and limits market price exposure. The COLOTRUST PLUS+ fund holds a 'AAAm' rating by Standard and Poor's.

The District's investments are subject to interest rate, credit risk, and concentration of credit risk. As a means of limiting its exposure to fair value losses arising from rising interest rates, the District currently invests only in investment pools which may be redeemed at any time.

Capital Assets

Capital asset activity for the year ended December 31, 2018 is summarized below:

	December 31, 2017 Balance	Additions	Deletions	December 31, 2018 Balance
Stagecoach:				
Land, improvements and water rights	\$ 9,135,947	\$ 3,995	\$ -	\$ 9,139,942
Dam structure and equipment	9,609,220	27,433	-	9,636,653
Hydroelectric building and equipment	2,733,679	-	-	2,733,679
Park building and improvements	1,273,474	-	-	1,273,474
Yamcolo:				
Dam structure and equipment	6,448,630	302,537	-	6,751,167
Stillwater ditch	537,162	-	-	537,162
Equipment, vehicles and other	158,670	4,800	-	163,470
Total capital assets	29,896,782	338,765	-	30,235,547
Less: accumulated depreciation	(3,954,844)	(111,275)	-	(4,066,119)
Net capital assets	<u>\$ 25,941,938</u>	<u>\$ 227,490</u>	<u>\$ -</u>	<u>\$ 26,169,428</u>

UPPER YAMPA WATER CONSERVANCY DISTRICT
Notes to Financial Statements
December 31, 2018
(with summarized financial information as of and for the year ended December 31, 2017)

Note 3: Detailed Notes on the Fund (continued)

Stillwater Ditch Agreement

The District has entered into an Assignment of Stock and Water Delivery Agreement with the shareholders of the Stillwater Ditch and Reservoirs Company (the Company) whereby the shareholders assigned and transferred all shares in the Company to the District in exchange for the District's continued maintenance and repair of the Stillwater Ditch and delivery of water to the shareholders under certain upstream absolute water rights retained by the shareholders.

Restricted Net Position

The United States Army Corps of Engineers (ACOE) issued a permit to the District to raise the height of Stagecoach Reservoir Dam four feet inundating approximately 23.51 acres of jurisdictional wetlands. The permit requires the District to post financial assurances to ensure a high level of confidence that the District will complete the compensatory mitigation required by the permit. The District has appropriated \$419,734 for this purpose as of December 31, 2018. The legislative appropriation will terminate when the compensatory mitigation is completed and accepted by the ACOE.

Note 4: Other Information

Defined Contribution Plan

Certain full-time employees are covered under a 401(a) defined contribution pension plan. Under the terms of the plan, the District contributes at a rate of double the employee's retirement contribution not to exceed 6% of gross pay. Participants become fully vested within 3 years of participation in the plan. The plan can only be amended by the District's board of directors. District contributions to the plan were \$29,320 and \$23,806 for the years ended December 31, 2018 and 2017, respectively.

Commitments

State of Colorado

The District has entered into an agreement with the State of Colorado Department of Natural Resources, Division of Parks and Outdoor Recreation for the operation of the recreational facilities at Stagecoach Reservoir. Under the terms of the agreement the District has agreed to make an annual payment of \$35,000 to the State each December 31st through May 1, 2024.

Power Purchase Agreement

The District entered into an agreement on October 30, 2015 to sell exclusively the hydroelectric energy generated by its Stagecoach facility to YVEA. The initial term is through December 31, 2025 and may be extended by either party for an additional 10 year period. The initial sales price is \$0.060 per kWh and is subject to annual adjustment beginning January 1, 2017. The sales price during the year ended December 31, 2018 was \$0.060 per kWh.

Reservoir Agreements

Numerous governments, organizations and individuals have reservoir agreements with the District to purchase water in storage annually from the District. The agreement terms range from 2 to 40 years with the majority of contracts expiring between the years 2019 and 2052.

Contribution to Routt County, Colorado

The District has committed to contribute \$500,000 to Routt County, Colorado for construction costs for the reconstruction improvements to be made to Routt County Road #14 in the future.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Notes to Financial Statements
December 31, 2018
(with summarized financial information as of and for the year ended December 31, 2017)

Note 4: Other Information (continued)

Risk Management

The District is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees, and natural disasters. The District maintains commercial insurance for these risks by participation in an insurance pool.

The District is a member in the Colorado Special Districts Property and Liability Pool (the Pool). The Pool creates an opportunity for members to control their own insurance costs through the joint pooling of resources, making it possible to self-insure property, liability and workers' compensation insurance. The Pool is member-owned, and all surplus revenues support the stabilization of rates, coverage enhancements, innovation, and technology to bring the most value to its members. The Pool provides property, liability, workers' compensation and associated coverage, and claims and risk management services to its members. The District has not had losses of a material amount in any of the preceding three years.

The Pool has contracted with a third party to operate, administer and manage the Pool. In the event aggregated losses incurred by the Pool exceeds amounts recoverable from the reinsurance contracts and capital and surplus accumulated by the Pool, the Pool may require additional contributions from its members.

Contingencies

The District is involved in several items of pending litigation primarily involving defense of its water rights and opposition of applications for water rights that conflict with those of the District. While it is not feasible to predict the outcome of all such proceedings and exposures with certainty, management believes that their ultimate disposition should not have a material adverse effect on the District's financial position, cash flows, or results of operations.

Subsequent Events

The District has evaluated subsequent events through August 19, 2019, the date these financial statements were available to be issued.

UPPER YAMPA WATER CONSERVANCY DISTRICT
Schedule of Revenues, Expenditures and Changes in Net Position - Budget and Actual
For the Year Ended December 31, 2018

	Original and Final Budget	Actual	Variance
Revenues:			
Property taxes	\$ 2,236,544	\$ 2,269,399	\$ 32,855
Water sales	526,731	635,961	109,230
Power revenues	228,412	129,492	(98,920)
Interest	108,400	261,280	152,880
Other income	7,756	7,743	(13)
Total revenues	<u>3,107,843</u>	<u>3,303,875</u>	<u>196,032</u>
Expenditures:			
Operating:			
Facilities:			
Stagecoach reservoir - power generation	203,498	171,623	31,875
Stagecoach reservoir - water storage	294,088	279,641	14,447
Yamcolo reservoir	139,635	132,790	6,845
Stillwater ditch and reservoir	50,369	13,379	36,990
Administration	210,879	139,145	71,734
Board of directors	77,519	65,006	12,513
External affairs	67,078	58,016	9,062
Finance	122,244	99,340	22,904
Legal	123,503	166,889	(43,386)
Planning	185,161	136,625	48,536
Grants, scholarships and public information	190,015	39,038	150,977
Treasurer fees	72,867	72,507	360
Capital outlay	<u>827,500</u>	<u>338,765</u>	<u>488,735</u>
Total expenditures	<u>2,564,356</u>	<u>1,712,764</u>	<u>851,592</u>
Change in net position - non-US GAAP basis	543,487	1,591,111	<u>\$ 1,047,624</u>
Adjustments to US GAAP basis:			
Capital outlay		338,765	
Depreciation		<u>(111,275)</u>	
Change in net position - US GAAP basis		1,818,601	
Net position, beginning of year	<u>38,630,354</u>	<u>38,630,354</u>	
Net position, end of year	<u>\$ 39,173,841</u>	<u>\$ 40,448,955</u>	

Upper Yampa Water Conservancy District
Trial Balance
12/31/2018

Account	Account Description	Adjusted 12/31/2018	Adjustments	Unadjusted 12/31/2018	12/31/2017
Assets:					
1000	Colotrust	12,156,289.73		12,156,289.73	10,558,390.02
1003	WF Checking	165,063.69		165,063.69	70,399.99
1005	WF Savings #8022512928	286,603.66		286,603.66	286,517.69
1010	CD. Bank of the West	621,983.43		621,983.43	613,843.58
1012	CD. Vectra Bank 0648	200,115.09		200,115.09	200,115.09
1013	CD Vectra 4813100315 0.126 APY	150,000.00		150,000.00	150,000.00
1014	CD. Yampa Valley Bank 1.4%	200,000.00		200,000.00	200,000.00
1016	CD. Mountain Valley Bank	637,923.65		637,923.65	633,477.77
1100	Cash With Treasurer	-		-	2,477.50
1112	Accounts Receivable	14,452.05		14,452.05	13,568.22
1113	Colotrust Receivables	-		-	-
1300	Prepaid Insurance	32,142.83		32,142.83	30,785.65
1350	Prepaid Other	145.00		145.00	-
1499	Undeposited Funds	5,479.24		5,479.24	23,303.69
1501	SC - Land and water rights	3,725,092.00		3,725,092.00	3,725,092.00
1503	SC - Dam structure	8,138,307.00		8,138,307.00	8,118,807.00
1505	SC - Dam equipment	374,981.00		374,981.00	374,981.00
1506	SC - Buildings	297,900.67		297,900.67	297,900.67
1507	SC - Hydroplant and equip	2,435,777.28		2,435,777.28	2,435,777.28
1508	SC - Park land improvements	1,106,210.11		1,106,210.11	1,106,210.11
1509	SC - Park bldgs and improv	1,273,473.90		1,273,473.90	1,273,473.90
1510	SC - Enlargement	3,822,985.45		3,822,985.45	3,818,990.13
1511	Vehicles-Stagecoach	24,130.00		24,130.00	24,130.00
1512	SC Release of PCA Encumbrances	1,198,617.00		1,198,617.00	1,198,617.00
1513	SC Stem Guide Replacement	115,723.00		115,723.00	107,790.00
1514	Stagecoach Repairs - W	38,883.22		38,883.22	38,883.22
1525	SC - Stillwater Ditch	530,652.93		530,652.93	530,652.93
1600	Morrison Creek Diversion	6,508.55		6,508.55	6,508.55
1610	Silver Creek Property	255,797.36		255,797.36	255,797.36
1670	Equipment	48,839.75		48,839.75	48,839.75
1671	Vehicles	71,573.15		71,573.15	71,573.15
1700	Yamcolo - Non-mech portion	6,493,437.64		6,493,437.64	6,190,900.39
1701	Yamcolo - Bldg & mechanical	257,730.00		257,730.00	257,730.00
1702	Yamcolo - Vehicles	3,843.00		3,843.00	3,843.00
1710	Water @ Elk River Augmentation	10,000.00		10,000.00	10,000.00
1730	Stillwater Ditch & Res Vehicles	283.00		283.00	283.00
1900	Office Assets	4,800.00		4,800.00	-
1750	A/D - Yamcolo	(312,460.99)		(312,460.99)	(301,887.70)
1755	A/D - SC	(3,753,553.05)		(3,753,553.05)	(3,652,907.83)
1760	A/D - SWRDCo	(103.77)		(103.77)	(47.17)
	Total Assets	40,639,626.57	-	40,639,626.57	38,724,816.94
Liabilities:					
2001	Accounts Payables	(175,733.29)		(175,733.29)	(81,261.72)
2100	WF Visa	(3,150.70)		(3,150.70)	(929.08)
2300	Payroll Liabilities	(7,949.20)		(7,949.20)	(9,054.88)
2303	Colorado Withholdings	(3,848.00)		(3,848.00)	(3,227.00)
1901	Bond issue costs - 2005 refunding	10.00		10.00	10.00
	Total Liabilities	(190,671.19)	-	(190,671.19)	(94,462.68)
Net Position:					
3000	Opening Bal Equity	(11,675,276.95)		(11,675,276.95)	(11,675,276.95)
3900	Retained Earnings	(26,955,077.31)		(26,955,077.31)	(25,200,814.88)
	Change in net position	(1,818,601.12)	-	(1,818,601.12)	(1,754,262.43)
	Total Net Position	(40,448,955.38)	-	(40,448,955.38)	(38,630,354.26)
	Total Liabilities & Net Position	(40,639,626.57)	-	(40,639,626.57)	(38,724,816.94)

Upper Yampa Water Conservancy District
Trial Balance
12/31/2018

Account	Account Description	Adjusted 12/31/2018	Adjustments	Unadjusted 12/31/2018	12/31/2017
Revenues:					
4000	Water Sales - Yamcolo	(130,760.00)		(130,760.00)	(128,275.30)
4100	Water Sales - Stagecoach	(499,406.50)		(499,406.50)	(444,152.00)
4150.1	Augmentation Application Fees	(218.24)		(218.24)	(1,979.00)
4150.2	Augmentation - Clerk Recording Fees	(33.00)		(33.00)	-
4150.3	Augmentation Water Sales	(5,543.20)		(5,543.20)	(5,387.20)
4200	Interest Earned	(261,280.04)		(261,280.04)	(122,297.47)
4300	Power Revenues	(129,492.00)		(129,492.00)	(185,472.00)
4500.1	Tax Receipts - Routt	(1,962,023.30)		(1,962,023.30)	(1,855,288.81)
4500.2	Tax Receipts - Moffat	(307,375.37)		(307,375.37)	(317,193.90)
4600.01	Five Pines Mesa Ditch	(7,743.76)		(7,743.76)	(7,522.50)
4600.05	Grants Received	-		-	-
	Total Revenues	(3,303,875.41)	-	(3,303,875.41)	(3,067,568.18)
Expenses:					
1010	Administration: Gross Salaries	63,434.95		63,434.95	59,978.15
1020	Administration: Benefits	15,741.22		15,741.22	13,209.80
1030	Administration: Employer Taxes	4,907.18		4,907.18	4,748.83
1064	Administration: Training	45.00		45.00	
1040	Administration: Insurance	4,511.68		4,511.68	3,645.38
1051	Administration: Office: Office Supplies	4,441.19		4,441.19	3,776.91
1052	Administration: Office: Postage	591.88		591.88	481.67
1053	Administration: Office: Phone and Internet	6,010.47		6,010.47	6,366.83
1054	Administration: Office: Computers and Software	7,241.64		7,241.64	5,483.76
1055	Administration: Office: Computer Services	6,652.85		6,652.85	4,074.39
1056	Administration: Office: Office Rent	21,240.00		21,240.00	21,240.00
1057	Administration: Office: Furniture	-		-	189.99
1058	Administration: Office: Advertising	1,222.24		1,222.24	131.80
1060	Administration: Office: Misc. Supplies and Fees	70.73		70.73	26.65
1062	Administration: Office: Professional Services	2,260.00		2,260.00	340.00
1063	Administration: Office: Electronic File Mgmt Svcs	440.00		440.00	3,740.00
1067	Administration: Office: Contingencies/Other	333.42		333.42	78.33
1110	Board of Directors: Gross Salaries	27,464.04		27,464.04	25,744.18
1120	Board of Directors: Benefits	7,530.80		7,530.80	6,860.27
1130	Board of Directors: Employer Taxes	1,958.94		1,958.94	1,931.82
1140	Board of Directors: Insurance	1,691.94		1,691.94	1,367.01
6021	Board of Directors: Travel, Meetings, Directors: Board Meeting Supplies	3,110.77		3,110.77	2,261.58
6022	Board of Directors: Travel, Meetings, Directors: Annual Retreat	6,369.11		6,369.11	979.20
6025	Board of Directors: Travel, Meetings, Directors: Holiday Party	1,707.30		1,707.30	1,821.90
6026	Board of Directors: Travel, Meetings, Directors: Directors Expense	12,100.00		12,100.00	6,600.00
6027	Board of Directors: Travel, Meetings, Directors: Directors Travel	3,073.34		3,073.34	1,764.39
1210	External Affairs: Gross Salaries	36,161.43		36,161.43	33,779.40
1220	External Affairs: Benefits	8,871.55		8,871.55	8,348.25
1230	External Affairs: Employer Taxes	2,425.13		2,425.13	2,424.03
1240	External Affairs: Insurance	1,691.94		1,691.94	1,367.01
6023	External Affairs: Conference Registr and Training	1,620.00		1,620.00	4,125.00
6024	External Affairs: Travel & Meetings	7,245.97		7,245.97	7,644.72
1310	Finance: Gross Salaries	62,147.00		62,147.00	57,648.86
1320	Finance: Benefits	24,126.13		24,126.13	22,808.15
1330	Finance: Employer Taxes	4,482.80		4,482.80	4,339.99
1340	Finance: Insurance	3,383.76		3,383.76	2,734.04
6200	Finance: Accounting	5,200.00		5,200.00	8,374.76
1410	Legals: Gross Salaries	16,237.68		16,237.68	15,180.97
1420	Legals: Benefits	3,912.50		3,912.50	3,697.51
1430	Legals: Employer Taxes	1,074.01		1,074.01	999.87
1440	Legals: Insurance	845.97		845.97	683.51
6105	Legals: Legal Consulting	144,819.19		144,819.19	76,554.39
15100	Planning: Gross Pay	16,839.37		16,839.37	15,738.85
15200	Planning: Benefits	4,083.34		4,083.34	3,853.07
15300	Planning: Employer Taxes	1,119.22		1,119.22	1,209.73
15400	Planning: Insurance	845.97		845.97	683.51
6251	Planning: Water Resource Engineering: Master Plan	-		-	1,169.00
6252	Planning: Water Resource Engineering: Other	5,398.75		5,398.75	8,406.56
6253	Planning: Water Resource Engineering: Elk River Augmentation Plan	462.00		462.00	6,408.00
6254	Planning: Water Resource Engineering: Yampa River Augmentation Plan	-		-	6,750.50
6255	Planning: Water Resource Engineering: 16CW3016 Master Plan Dilige	60,273.60		60,273.60	25,455.49
6257	Planning: Water Resource Engineering: GIS Project	-		-	7,510.00
	Planning: Water Resource Engineering: Stagecoach Firing Project	41,772.99		41,772.99	
6420	Planning: Streamgaging Morrison Creek	5,830.00		5,830.00	2,927.25
16100	Grants,Scholarships,Public Info: Gross Salaries	16,921.19		16,921.19	15,811.81
16200	Grants,Scholarships,Public Info: Benefits	4,273.10		4,273.10	4,042.44
16300	Grants,Scholarships,Public Info: Employer Taxes	1,124.09		1,124.09	1,117.00
16400	Grants,Scholarships,Public Info: Insurance	563.91		563.91	455.69
16600	Grants,Scholarships,Public Info: Dues and Contributions	12,505.98		12,505.98	9,397.49
16700	Grants,Scholarships,Public Info: Scholarship Fund	2,000.00		2,000.00	2,000.00
16800	Grants,Scholarships,Public Info: Project Grants	-		-	34,586.81
16950	Grants,Scholarships,Public Info: Public Information Consulting	1,650.00		1,650.00	
6050	Treasurer Tax Collection Fees	72,506.91		72,506.91	70,180.38
7000p	Stagecoach Power	(1,446.61)		(1,446.61)	(976.16)

Upper Yampa Water Conservancy District
Trial Balance
12/31/2018

Account	Account Description	Adjusted 12/31/2018	Adjustments	Unadjusted 12/31/2018	12/31/2017
7010p	Stagecoach Power: Gross Salaries	38,494.35		38,494.35	88,958.37
7020p	Stagecoach Power: Benefits	11,085.20		11,085.20	26,994.15
7030p	Stagecoach Power: Employer Taxes	2,817.93		2,817.93	6,888.25
7040p	Stagecoach Power: Insurance	11,420.05		11,420.05	10,191.93
7050p	Stagecoach Power: Streamgaging	11,560.00		11,560.00	11,333.00
7062p	Stagecoach Power: Field Labor: Gross Salaries	56,937.00		56,937.00	
7064p	Stagecoach Power: Field Labor: Benefits	19,742.32		19,742.32	-
7066p	Stagecoach Power: Field Labor: Employer Taxes	4,297.00		4,297.00	-
7072p	Stagecoach Power: O&M: Electrical Power	2,006.29		2,006.29	1,508.54
7073p	Stagecoach Power: O&M: Gas & Oil	3,780.33		3,780.33	2,238.36
7074p	Stagecoach Power: O&M: Phone & Internet	2,206.39		2,206.39	1,613.39
7075p	Stagecoach Power: O&M: Snowplowing	1,462.50		1,462.50	1,267.50
7076p	Stagecoach Power: O&M: Facilities Maint	7,260.41		7,260.41	9,407.46
7077p	Stagecoach Power: O&M:Wtr Quality Mntng 401 Permit	-		-	21,420.00
7000w	Stagecoach Water	(1,446.61)		(1,446.61)	(976.16)
7010w	Stagecoach Water: Gross Salaries	46,778.86		46,778.86	96,638.78
7020w	Stagecoach Water: Benefits	13,437.60		13,437.60	29,136.47
7030w	Stagecoach Water: Employer Taxes	3,440.52		3,440.52	7,465.80
7040w	Stagecoach Water: Insurance	5,357.65		5,357.65	4,328.89
7050w	Stagecoach Water: Streamgaging	11,560.00		11,560.00	11,333.00
7062w	Stagecoach Water: Field Labor: Gross Salaries	56,937.00		56,937.00	-
7064w	Stagecoach Water: Field Labor: Benefits	19,742.32		19,742.32	-
7066w	Stagecoach Water: Field Labor: Employer Taxes	4,297.00		4,297.00	-
7071w	Stagecoach Water: CO State Parks	35,000.00		35,000.00	35,000.00
7072w	Stagecoach Water: O&M: Electrical Power	2,006.39		2,006.39	1,411.42
7073w	Stagecoach Water: O&M: Gas & Oil	3,829.95		3,829.95	2,264.85
7074w	Stagecoach Water: O&M: Phone & Internet	2,200.92		2,200.92	1,682.76
7075w	Stagecoach Water: O&M: Snowplowing	1,462.50		1,462.50	1,267.50
7076w	Stagecoach Water: O&M: Facilities Maint	23,939.75		23,939.75	10,085.50
7076w	Stagecoach Water: O&M: Wtr Quality Mntng 401 Permit	51,097.00		51,097.00	21,420.00
7079w	Stagecoach Water: O&M: Contingencies	-		-	6,580.00
8000	Yamcolo O&M	(437.35)		(437.35)	(295.12)
8010	Yamcolo O&M: Gross Salaries	47,942.81		47,942.81	61,488.34
8020	Yamcolo O&M: Benefits	13,870.03		13,870.03	18,165.19
8030	Yamcolo O&M: Employer Taxes	3,482.28		3,482.28	4,682.56
8040	Yamcolo O&M: Insurance	3,101.81		3,101.81	2,506.20
8062	Yamcolo O&M: Field Labor: Gross Salaries	18,134.52		18,134.52	-
8064	Yamcolo O&M: Field Labor: Benefits	6,288.94		6,288.94	-
8066	Yamcolo O&M: Field Labor: Employer Taxes	1,368.56		1,368.56	-
8071	Yamcolo O&M: USFS Special Use Permit	18,290.67		18,290.67	36,313.31
8072	Yamcolo O&M: Annual Maintenance	14,406.03		14,406.03	998.46
8074	Yamcolo O&M: Safety Equipment and Training	-		-	1,211.69
8075	Yamcolo O&M: Survey	-		-	1,597.50
8076	Yamcolo O&M: Fuel/Mileage	1,569.61		1,569.61	955.93
8078	Yamcolo O&M: Contingencies	4,772.02		4,772.02	
9000	Stillwater Ditch & Res Co	-		-	(22.69)
9010	Stillwater Ditch & Res Co: Gross Salaries	6,367.68		6,367.68	12,914.97
9020	Stillwater Ditch & Res Co: Benefits	1,830.45		1,830.45	1,685.06
9030	Stillwater Ditch & Res Co: Employer Taxes	451.37		451.37	1,095.31
9040	Stillwater Ditch & Res Co: Insurance	845.97		845.97	683.51
9060	Stillwater Ditch & Res Co: 5 Pine Mesa Ditch Labor	(33.65)		(33.65)	1,278.00
9070	Stillwater Ditch & Res Co: 5 Pine Mesa Ditch O&M	3,917.25		3,917.25	7,500.12
7500	Depreciation - Yamcolo	10,573.29		10,573.29	9,167.25
7510	Depreciation - Stagecoach	100,645.22		100,645.22	97,592.51
8600	Depreciation - SWRDCo	56.60		56.60	47.17
Total Expenses		1,485,274.29	-	1,485,274.29	1,313,305.75
Change in Net Position		(1,818,601.12)	-	(1,818,601.12)	(1,754,262.43)

6)





BOARD COMMUNICATION FORM

From: Andy Rossi

Date: 09/10/19

Item: Colorado Parks and Wildlife Proposed Facilities Electrical Upgrades

<input type="checkbox"/>	DIRECTION
<input checked="" type="checkbox"/>	INFORMATION
<input type="checkbox"/>	MOTION
<input type="checkbox"/>	RESOLUTION

I. Summary and Background Information:

The Colorado Division of Parks and Wildlife (CPW) proposes to improve the electrical system and service for the Stagecoach State Park facilities. The proposed project is within the Federal Energy Regulatory Commission (FERC) project boundary of the Stagecoach project as shown on the Stagecoach FERC License Exhibit G, dated November 14, 2016. The CPW staff is working cooperatively with the UYWCD during the project planning and scoping phases to ensure that the proposed project complies with regulatory agency requirements. The proposed project summary, location maps, and detailed project plan are included with this memorandum as attachments.

The proposed activity requires County Permit(s) in compliance with Routt County rules and regulations. The project activities are authorized under the FERC License Article 416. The CPW staff will comply with the *Rule and Regulation of the Upper Yampa Water Conservancy District by Third Parties at Stagecoach Reservoir (07/23/14)*.

II. Alternatives:

- NA

III. Staff Recommendation:

Continue working in cooperation with the CPW staff on the proposed project.

IV. Legal Issues:

- The UYWCD is the owner of the property where the proposed project is located.
- The project requires a Routt County authorization.
- The proposed project is within the Stagecoach FERC project boundary.



- The UYWCD Board of Directors adopted the *Rule and Regulation of the Upper Yampa Water Conservancy District by Third Parties at Stagecoach Reservoir* on July 23, 2014.

V. Consistency with Board Goals and Policies:

The proposed project activities represent a cooperative effort by the CPW and UYWCD staffs for the maintenance and improvement of UYWCD facilities. Furthermore, the CPW is committing staff time and funds to a large capital improvement project that directly increases the longevity of Stagecoach State Park operations.

Attachments:

Proposed project plan and specifications.



COLORADO

Parks and Wildlife

Department of Natural Resources

Northwest Region Capital Projects Office
361 32-Road, P.O. Box 700
Clifton, CO 81520

MEMORANDUM

TO: Craig Preston, Stagecoach Park Manager

FROM: Mike Havens, NW Region Project Manager *MSH*

Enc: Project Review and Approval Materials

SUBJECT: Pinnacle Campground Electrical Upgrade

DATE: September 6, 2019

Enclosed are the draft plans and specifications for the Pinnacle Campground Electrical Upgrade project at Stagecoach State Park. Please submit this information to the Upper Yampa Water Conservancy District Board for their review and approval.

The goal of this project is to provide 50 amp electrical service to 36 of the 38 Pinnacle campsites. The current service is inadequate for our visitors. Key elements of the work include:

- Adding a new main transformer to service Pinnacle, the proposed new Visitor Center, and some existing services in that area of the park. The proposed route for YVEA's overhead power is shown in the first figure attached to this memo. This work will take place prior to the work in the Pinnacle Campground.
- Adding a new secondary power distribution system in the Pinnacle Campground. The proposed system is shown in the second figure attached to this memo.

More detail on the project is presented in the draft plans and specifications.



Proposed YVEA
Overhead Power
and New Main
Transformer



Q:\-PROJECTS-\Parks\Stagecoach\2018 Pinnacle Electric\1-DESIGN\7-Drawings\2019 Stagecoach Pinnacle Electric Upgrades.dwg, 9/5/2019 12:11:53 PM

NOTE; PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR WILL NEED TO LOCATE ALL EXISTING UTILITIES. THIS MAY REQUIRE HIRING A PRIVATE LOCATOR SERVICE


LEGEND:

- TYPICAL DP-1 TO NEW TRANSFORMERS SERVICE LINE (±160 L.F.)
- TYPICAL NEW TRANSFORMER TO NEW PEDESTALS LINES (±3,400 L.F.)
- NEW MARINA SERVICE LINE (± 480 L.F.)
- NEW LIFT STATION SERVICE LINE (± 510 L.F.)
- NEW SERVICE LINE FROM NEW MP-1 TO DP-1 (±370 L.F.)
- FUTURE VISITOR'S CENTER SERVICE LINE (±130 L.F.)

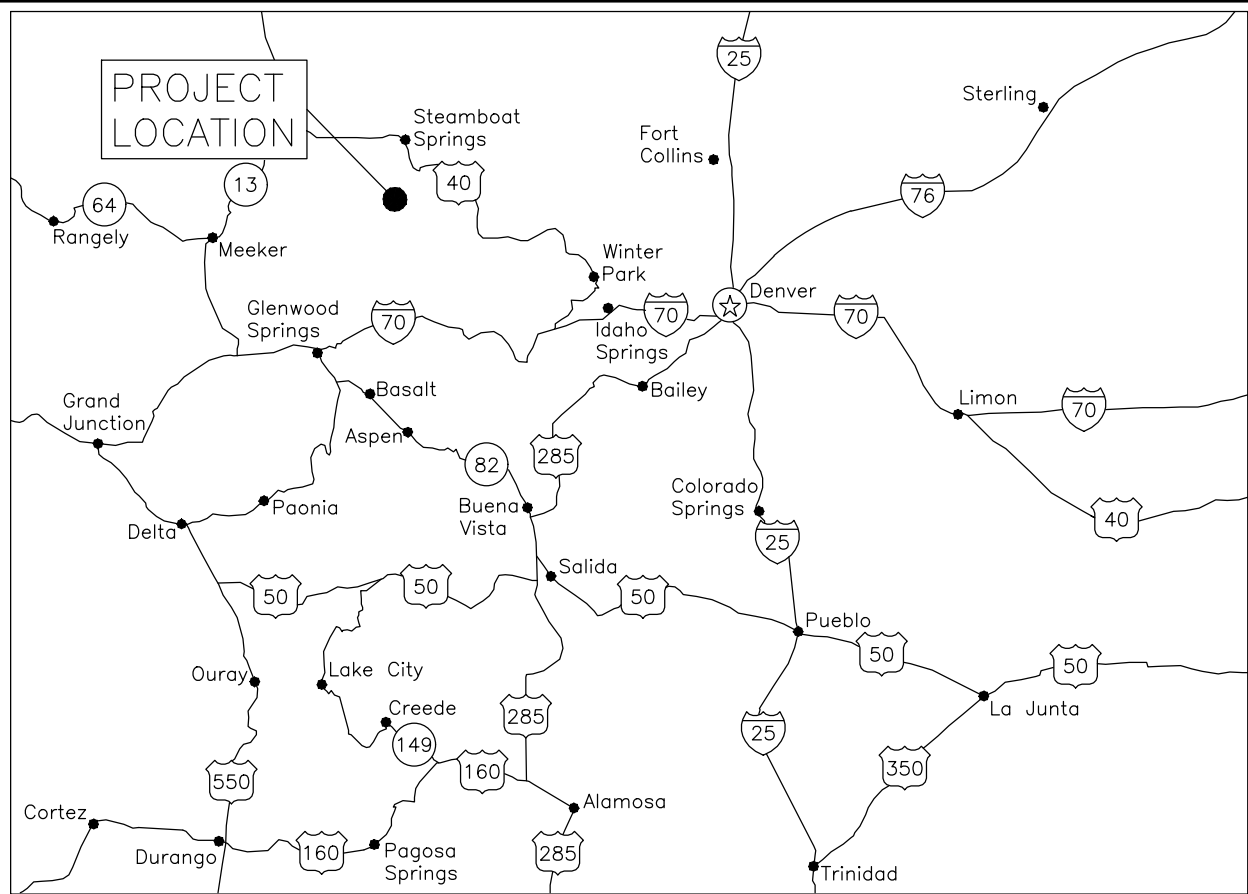


Proposed New Electrical Distribution System for Pinnacle Campground

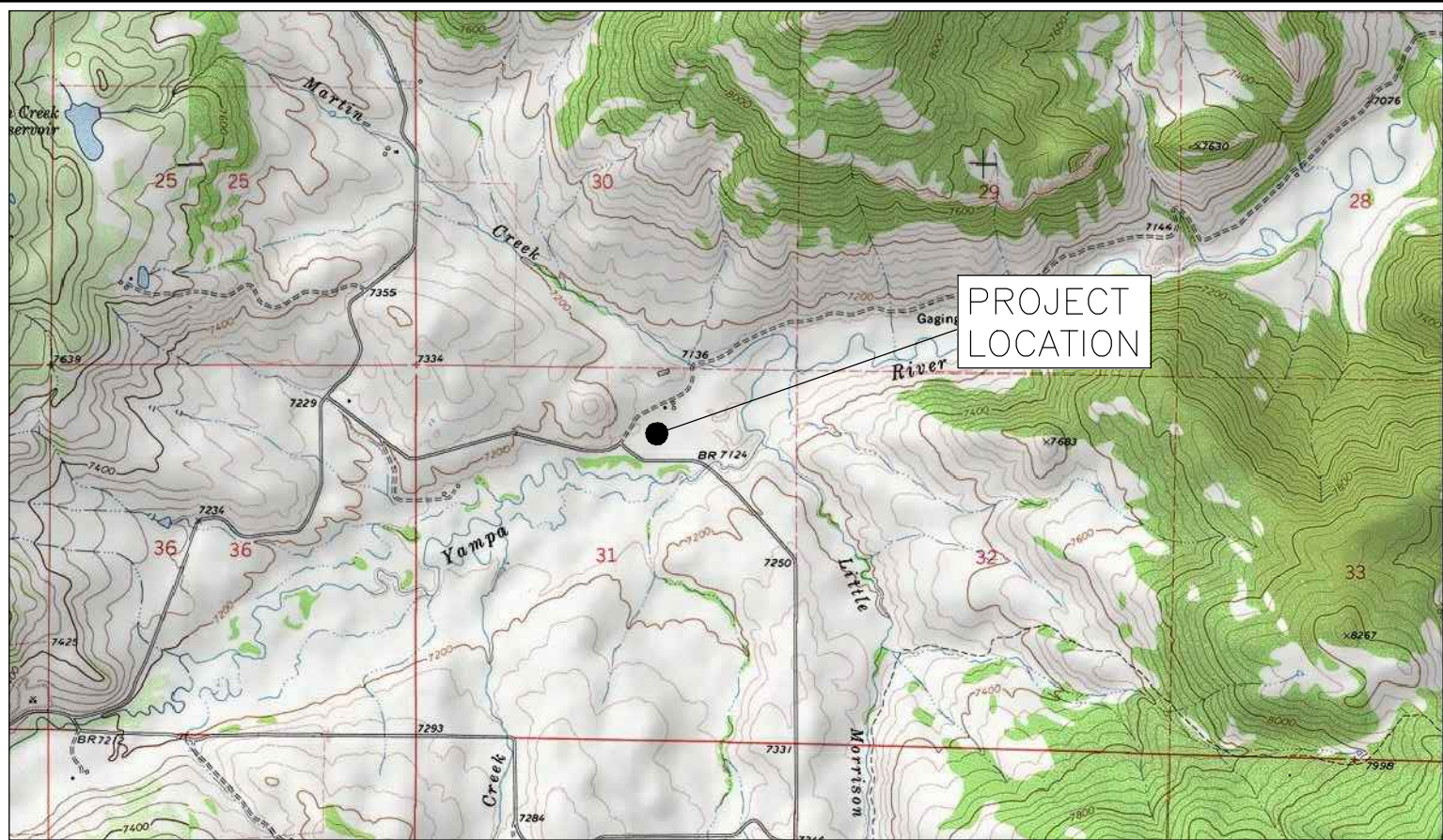
PROJECT LOCATION
PINNACLE CAMPGROUND

DESIGN	
PINNACLE C.G. ELECT. UPGRADES	
	
DESIGNER: J.M.D.	DATE: / /
DRAWER: J.M.D.	BY: / /
CHECKED BY: C19SC1	REVISIONS:
APPROVED: / /	DATE: / /
CHIEF ENGR: / /	BY: / /
DATE: 3/12/19	PROJECT NO. C19SC1
SHEET NO. 2	OF ?
STAGECOACH STATE PARK	
SITE MAP	

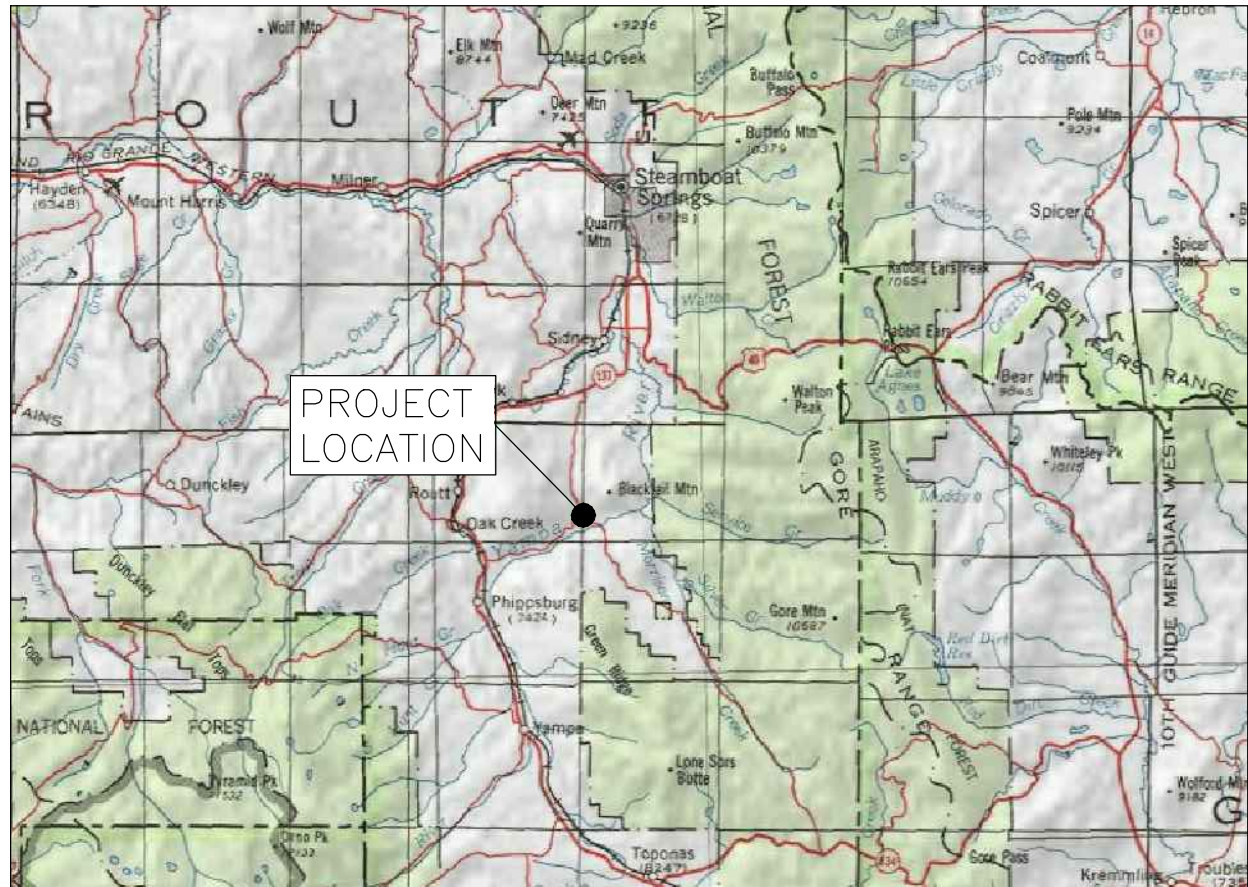
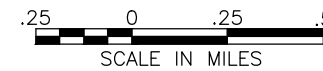
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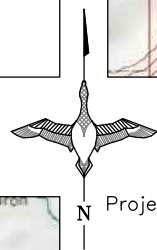
STATE MAP



PROJECT LOCATION MAP



PROJECT VICINITY MAP



Project Address: Stagecoach State Park
25500 County Road 14
Oak Creek, CO 80467

Project Location:
Latitude: 40°16'56"
Longitude: 106°50'23"

Sheet List Table

Sheet Number	Sheet Title
C1	Cover Sheet
C2	Site Map
C3	Site Details
E0-E5	Electrical Sheets

PARKS & WILDLIFE PROJECT CONTACTS

ENGINEERING SECTION	303-291-7391
PARK MANAGER, CRAIG PRESTON	970-736-2436
REGIONAL ENGINEER, MIKE HAVENS	970-434-6862
DESIGN ENGINEER, JOE DECRESCENTIS	303-291-7392

DESIGN - FOR REVIEW/APPROVAL

PINNACLE C.G. ELECT. UPGRADES



REVISIONS:	DATE	BY

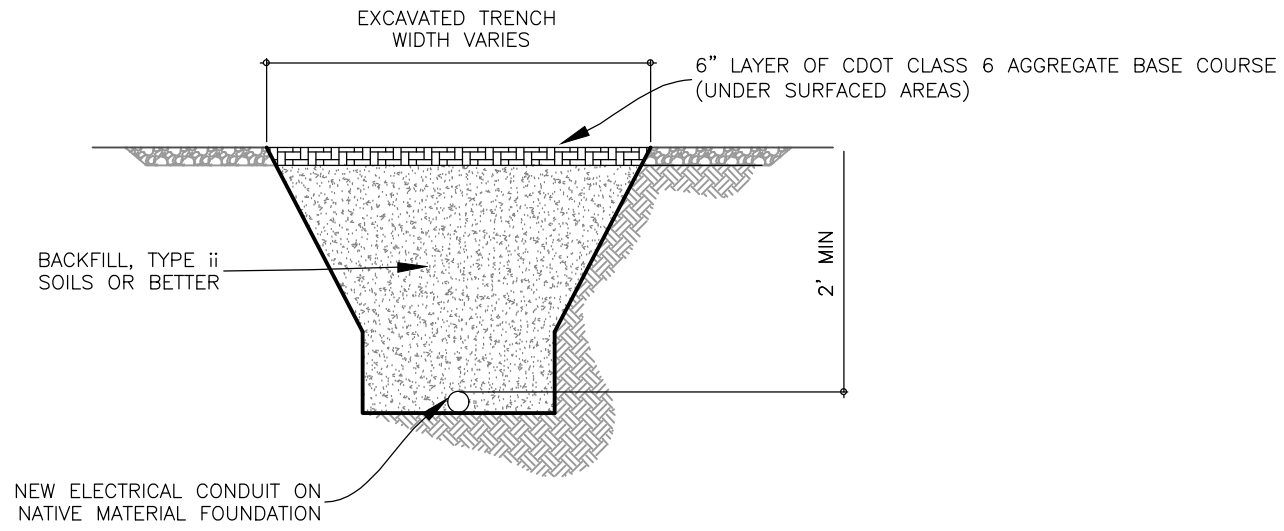
DESIGNER:	J.M.D.	08/19
DRAWER:	J.M.D.	08/19
CHECKED BY:		
APPROVED:		
CHIEF ENGR.:		

DATE	2/21/19
PROJECT NO.	C19SC1
SHEET NO.	C1
OF	9

STAGECOACH STATE PARK

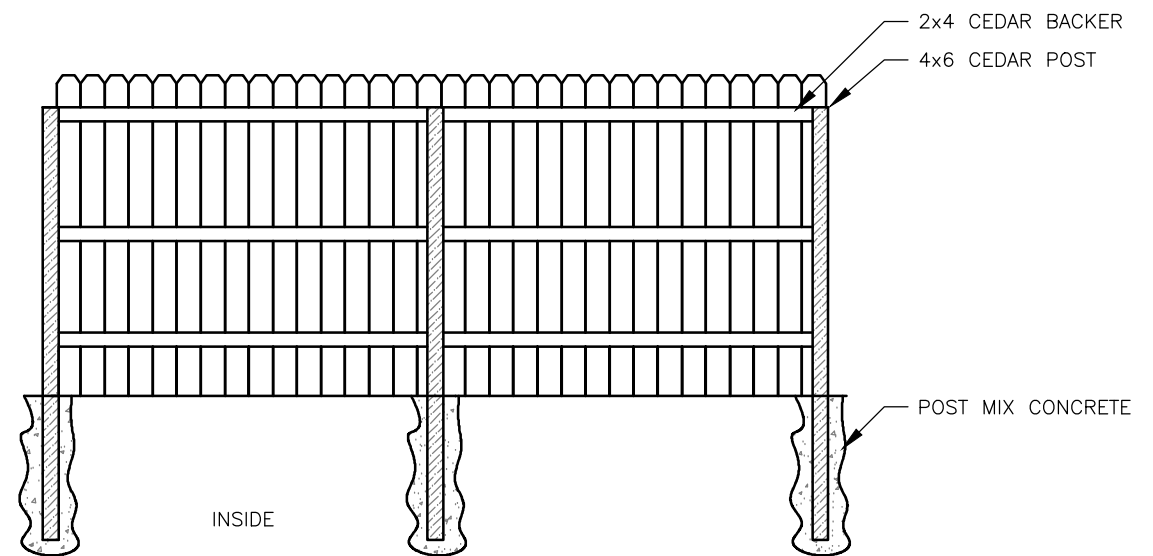
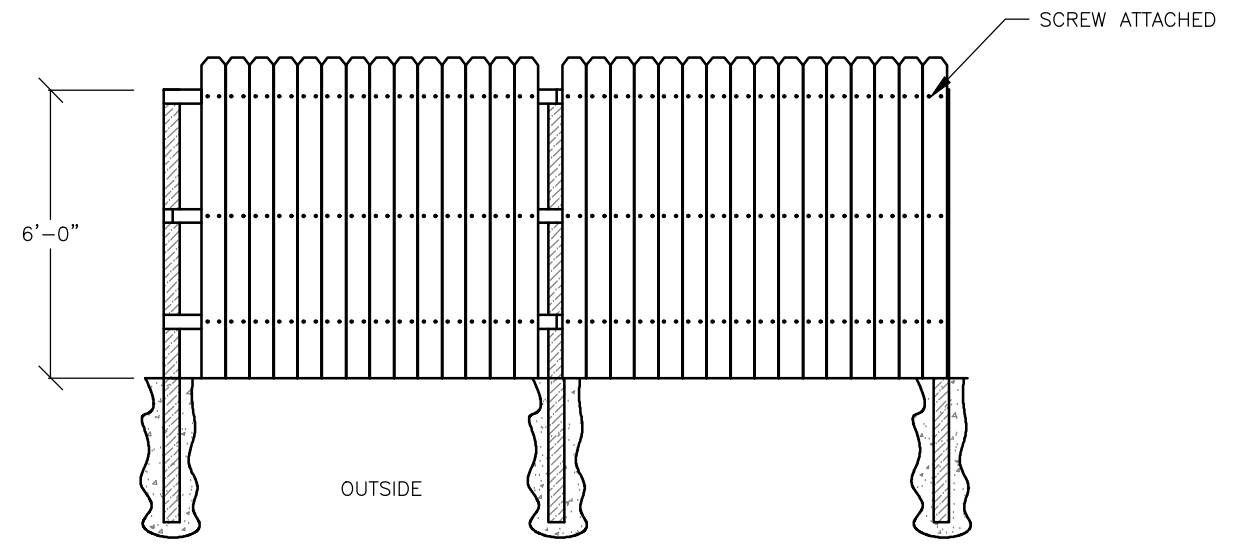
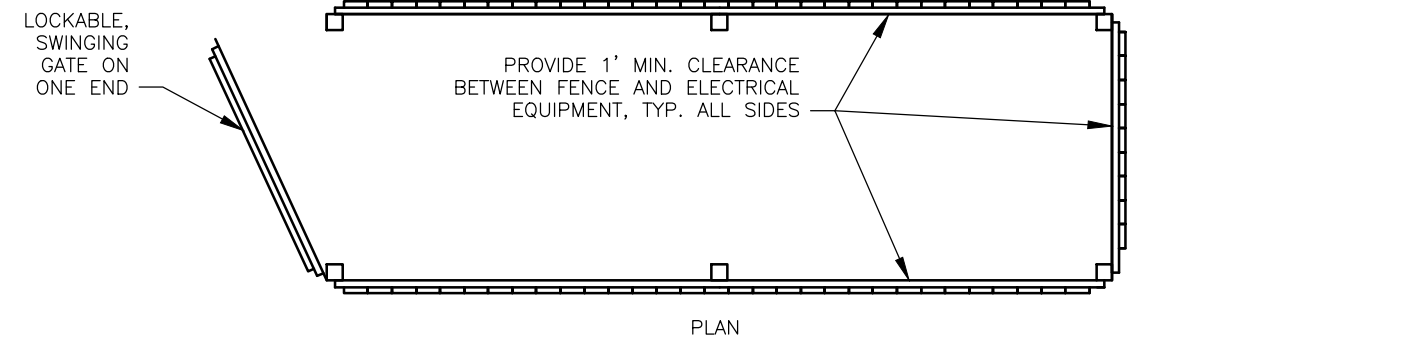
COVER SHEET

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TYPICAL CONDUIT TRENCH DETAIL

1
3
NOT TO SCALE



TYPICAL TRANSFORMER/DIST. PANEL ENCLOSURE DETAIL

2
3
NOT TO SCALE

DESIGN - FOR REVIEW/APPROVAL

PINNACLE C.G. ELECT. UPGRADES



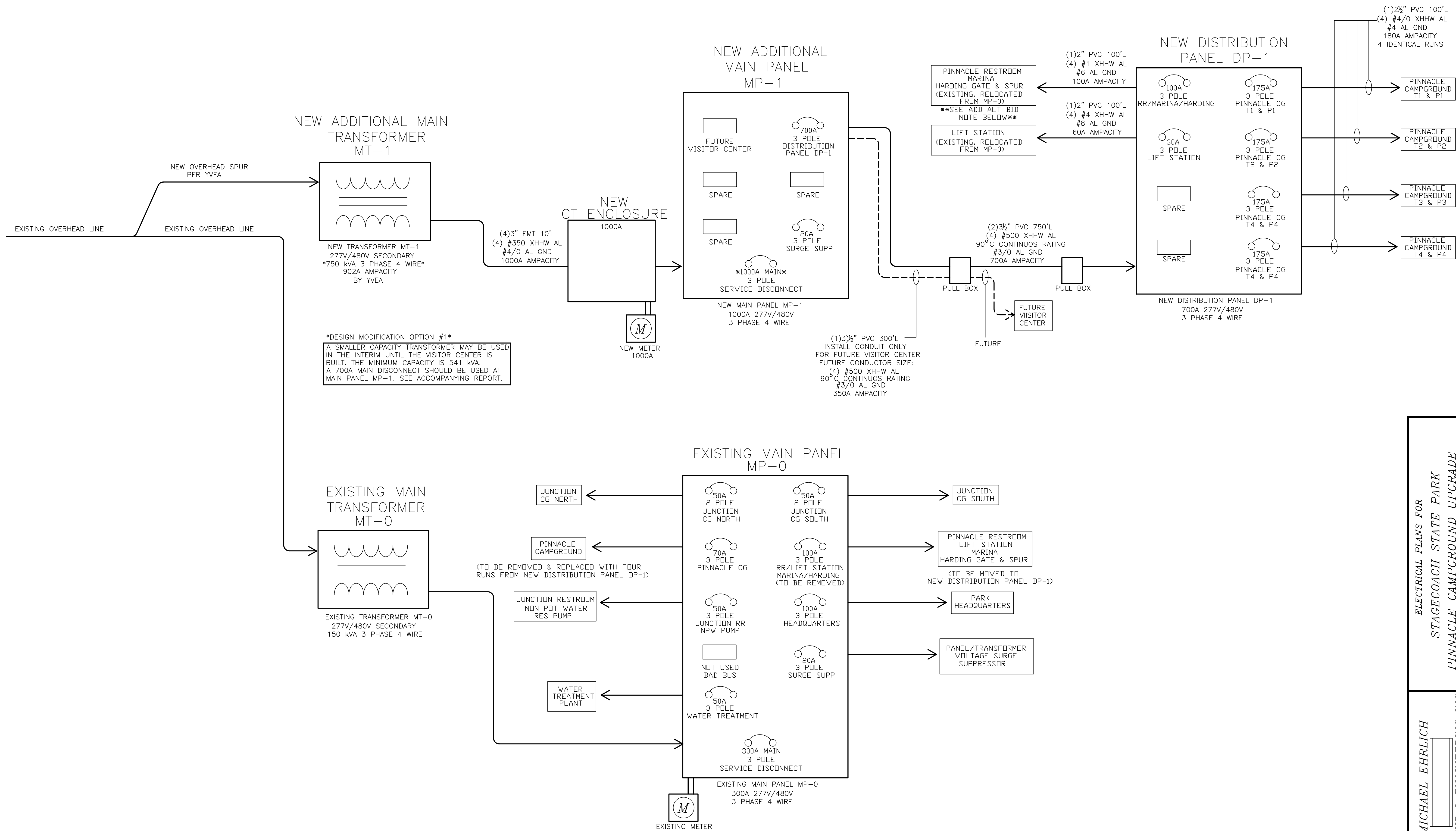
REVISIONS:	DATE	BY

DESIGNER:	J.M.D.	08/19
DRAWER: <td>J.M.D. <td>08/19</td> </td>	J.M.D. <td>08/19</td>	08/19
CHECKED BY: <td> </td> <td> </td>		
APPROVED: <td> </td> <td> </td>		
CHIEF ENGR.: <td> </td> <td> </td>		

DATE	3/12/19
PROJECT NO.	C19SC1
SHEET NO.	C3
OF	9

STAGECOACH STATE PARK

SITE DETAILS



SYSTEM DIAGRAM

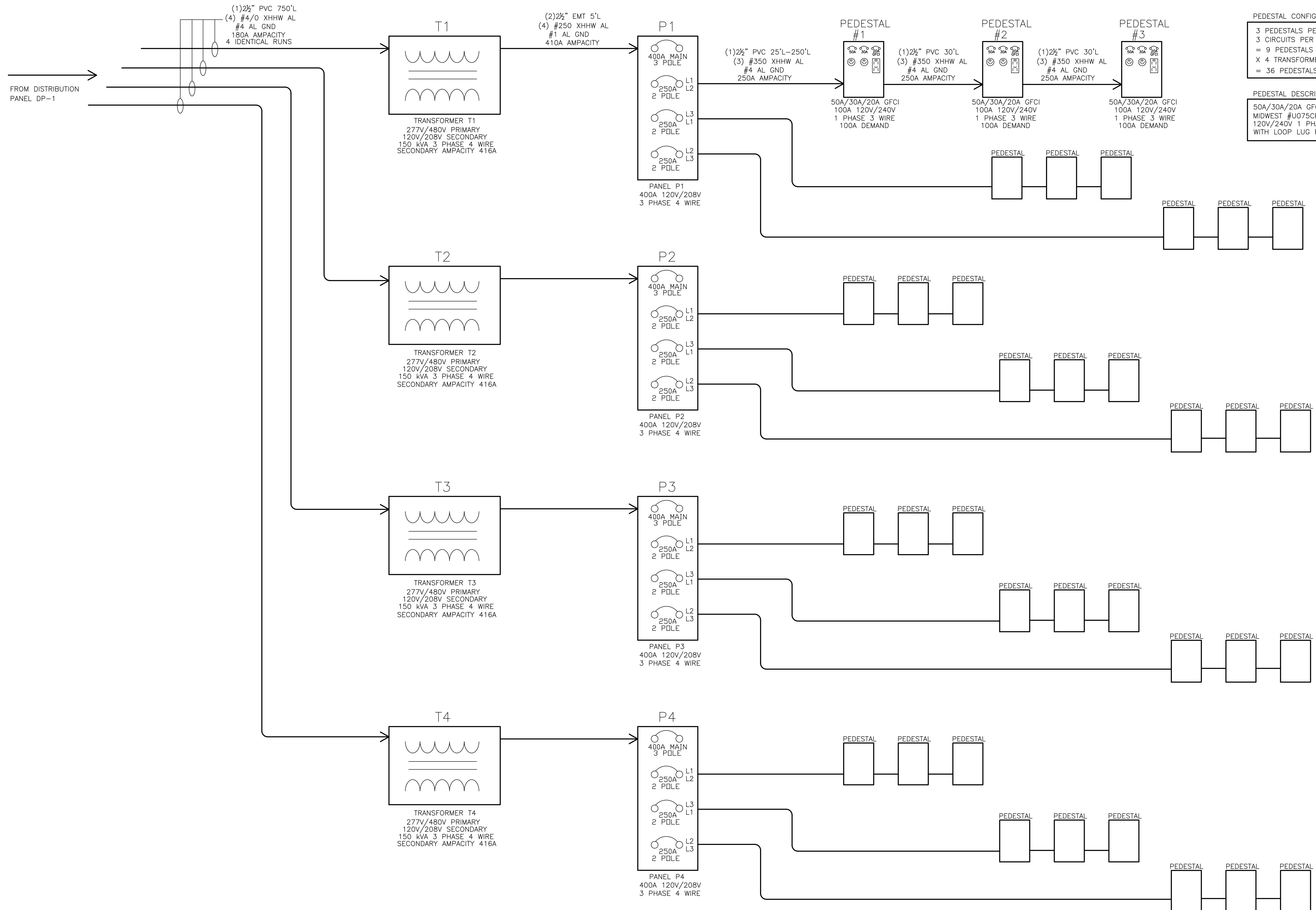
ALL SYSTEM WIRING TO BE RATED AT A MINIMUM
 75°C CONTINUOUS RATING
 EXCEPT FOR THE FEED LINE FROM
 MP-1 TO DP-1 WHICH IS TO HAVE A
 90°C CONTINUOUS RATING

ELECTRICAL PLANS FOR
 STAGECOACH STATE PARK
 PINNACLE CAMPGROUND UPGRADE
 ROUTT COUNTY, CO

MICHAEL EHRLICH
 STRUCTURAL ENGINEERING INC
 (970)829-3866
 PO BOX 72398 STEAMBOAT SPRINGS, CO

7-31-2019

E1



PEDESTAL CONFIGURATION
 3 PEDESTALS PER CIRCUIT X
 3 CIRCUITS PER TRANSFORMER
 = 9 PEDESTALS PER TRANSFORMER
 X 4 TRANSFORMERS
 = 36 PEDESTALS TOTAL

PEDESTAL DESCRIPTION
 50A/30A/20A GFCI DIRECT BURY PEDESTAL
 MIDWEST #U075CP6010 OR EQUAL
 120V/240V 1 PHASE 100 AMP DEMAND
 WITH LOOP LUG FOR #350 WIRE

ELECTRICAL PLANS FOR
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 PINNACLE CAMPGROUND UPGRADE
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 PO BOX 772555 STEAMBOAT SPRINGS, CO

7-31-2019

PINNACLE CAMPGROUND

E2

PANEL SCHEDULE
PANELS P1 - P4

400A 120V/208V PANEL
3 PHASE 4 WIRE
400A MAIN DISCONNECT

(2)2½" EMT 5'L FEED
(4) #250 XHHW AL
#1 AL GND

#	BKR	CIRCUIT DESCRIPTION	H	I	GENERAL LOAD		MOTOR LOAD	
					VA	I	VA	I
1	250A-2P	3 PEDESTALS			G 9,900	L1 9,900	M	
3	XXX	XXX			G 9,900	L2 9,900	M	
5	250A-2P	3 PEDESTALS			G 9,900	L3 9,900	M	
7	XXX	XXX			G 9,900	L1 9,900	M	
9	250A-2P	3 PEDESTALS			G 9,900	L2 9,900	M	
11	XXX	XXX			G 9,900	L3 9,900	M	

LOAD CALC
PANELS P1 - P4

LOAD CALCULATIONS FOR "PANEL P1"				
BASED ON THE 2017 NEC				
	L1	L2	L3	NEC 220.61(A) NEUTRAL
CALCULATED LOAD (NEC 215.5)	39,600 VA	39,600 VA	39,600 VA	39,600 VA
CALCULATED LOAD WITH DEMAND FACTORS (NEC 215.5)				
GENERAL LOAD	19,800 VA	19,800 VA	19,800 VA	19,800 VA
RECEPTACLE LOAD (NEC TABLE 220.44)				
1ST 10,000W	0 VA	0 VA	0 VA	0 VA
CONTINUOUS LOAD (NEC 215.2)	0 VA	0 VA	0 VA	0 VA
PLUS 25%	0 VA	0 VA	0 VA	0 VA
0% (NEUTRAL) NEC 215.2(A) EX NO. 2				0 VA
MOTOR LOAD (NEC 430.24)	19,800 VA	19,800 VA	19,800 VA	19,800 VA
PLUS 25% OF LARGEST MOTOR	2,475 VA	2,475 VA	2,475 VA	2,475 VA
KITCHEN LOADS (NEC 220.56)				
L1 (0 X 1) =	0 VA			0 VA
L2 (0 X 1) =		0 VA		
L3 (0 X 1) =			0 VA	
TOTAL BALANCED LOAD (3-PHASE)	42,075 VA	42,075 VA	42,075 VA	
TOTAL BALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
TOTAL UNBALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
NEUTRAL LOAD				42,075 VA
LINE AMPS BALANCED (3-PHASE)	350.4 A	350.4 A	350.4 A	
LINE AMPS BALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
LINE AMPS UNBALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
TOTALS	350.4 A	350.4 A	350.4 A	350.6 A
ADJUSTMENT FACTOR	0.0 A	0.0 A	0.0 A	0.0 A
TOTAL DESIGN LOAD	350.4 A	350.4 A	350.4 A	350.6 A
VOLTAGE DROP CALCULATIONS				
Three Phase	(2 X 5' L X 0.0424 R X 350.4 A + 1,000 X 0.866) = 0.1 VD			
Voltage Drop %	(0.1 VD + 208 V X 100) = 0.1 % VD			

PANEL SCHEDULE
DISTRIBUTION PANEL DP-1

700A 277V/480V PANEL
3 PHASE 4 WIRE

(2)3½" PVC 750'L FEED
(4) #500 XHHW AL
90 C CONTINUOUS RATING
#3/0 AL GND

#	BKR	CIRCUIT DESCRIPTION	H	I	GENERAL LOAD		MOTOR LOAD	
					VA	I	VA	I
1	175A-3P	PINNACLE CG T1 & P1			G 14,760	L1 14,760	M	
3	XXX	XXX			G 14,760	L2 14,760	M	
5	XXX	XXX			G 14,760	L3 14,760	M	
7	175A-3P	PINNACLE CG T2 & P2			G 14,760	L1 14,760	M	
9	XXX	XXX			G 14,760	L2 14,760	M	
11	XXX	XXX			G 14,760	L3 14,760	M	
13	175A-3P	PINNACLE CG T3 & P3			G 14,760	L1 14,760	M	
15	XXX	XXX			G 14,760	L2 14,760	M	
17	XXX	XXX			G 14,760	L3 14,760	M	
19	175A-3P	PINNACLE CG T4 & P4			G 14,760	L1 14,760	M	
21	XXX	XXX			G 14,760	L2 14,760	M	
23	XXX	XXX			G 14,760	L3 14,760	M	
25					G	L1	G	
27					G	L2	G	
29					G	L3	G	
31	100A-3P	MARINA HARDING GATE			G 10,000	L1 10,000	M	
33	XXX	& SPUR (EXISTING)			G 10,000	L2 10,000	M	
35	XXX	XXX			G 10,000	L3 10,000	M	
37					G	L1	G	
39					G	L2	G	
41					G	L3	G	
43	60A-3P	LIFT STATION (EXISTING)			G	L1 12,333	M	
45	XXX	XXX			G	L2 12,333	M	
47	XXX	XXX			G	L3 12,333	M	

LOAD CALC
DISTRIBUTION PANEL DP-1

LOAD CALCULATIONS FOR "PANEL DP-1"				
BASED ON THE 2017 NEC				
	L1	L2	L3	NEC 220.61(A) NEUTRAL
CALCULATED LOAD (NEC 215.5)	150,413 VA	150,413 VA	150,413 VA	150,413 VA
CALCULATED LOAD WITH DEMAND FACTORS (NEC 215.5)				
GENERAL LOAD	69,040 VA	69,040 VA	69,040 VA	69,040 VA
RECEPTACLE LOAD (NEC TABLE 220.44)				
1ST 10,000W	0 VA	0 VA	0 VA	0 VA
CONTINUOUS LOAD (NEC 215.2)	0 VA	0 VA	0 VA	0 VA
PLUS 25%	0 VA	0 VA	0 VA	0 VA
0% (NEUTRAL) NEC 215.2(A) EX NO. 2				0 VA
MOTOR LOAD (NEC 430.24)	81,373 VA	81,373 VA	81,373 VA	81,373 VA
PLUS 25% OF LARGEST MOTOR	3,690 VA	3,690 VA	3,690 VA	3,690 VA
KITCHEN LOADS (NEC 220.56)				
L1 (0 X 1) =	0 VA			0 VA
L2 (0 X 1) =		0 VA		
L3 (0 X 1) =			0 VA	
TOTAL BALANCED LOAD (3-PHASE)	154,103 VA	154,103 VA	154,103 VA	
TOTAL BALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
TOTAL UNBALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
NEUTRAL LOAD				154,103 VA
LINE AMPS BALANCED (3-PHASE)	556.1 A	556.1 A	556.1 A	
LINE AMPS BALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
LINE AMPS UNBALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
TOTALS	556.1 A	556.1 A	556.1 A	556.3 A
ADJUSTMENT FACTOR	83.4 A	83.4 A	83.4 A	83.4 A
TOTAL DESIGN LOAD	639.5 A	639.5 A	639.5 A	639.7 A
VOLTAGE DROP CALCULATIONS				
Three Phase	(2 X 750' L X 0.0212 R X 556.1 A + 1,000 X 0.866) = 15.3 VD			
Voltage Drop %	(15.3 VD + 480 V X 100) = 3.2 % VD			

PANEL SCHEDULE
NEW MAIN PANEL MP-1

1000A 277V/480V PANEL
3 PHASE 4 WIRE
1000A MAIN DISCONNECT

(4)3" EMT 10'L FEED
(4) #350 XHHW AL
#4/0 AL GND

#	BKR	CIRCUIT DESCRIPTION	H	I	GENERAL LOAD		MOTOR LOAD	
					VA	I	VA	I
1	XXX	SUB PANEL			G 154,103	L1	M	
3	700A-3P	SP1			G 154,103	L2	M	
5	XXX	SUB PANEL			G 154,103	L3	M	
7					G	L1	G	
9					G	L2	G	
11					G	L3	G	
13	300A-3P	FUTURE VISITOR CENTER			G 31,617	L1 3,250	M	
15	XXX	XXX			G 31,617	L2 3,250	M	
17	XXX	XXX			G 31,617	L3 3,250	M	
19					G	L1	G	
21					G	L2	G	
23					G	L3	G	
25	20A-3P	SURGE SUPPRESSOR			G 2,770	L1	G	
27	XXX	XXX			G 2,770	L2	G	
29	XXX	XXX			G 2,770	L3	G	

LOAD CALC
NEW MAIN PANEL MP-1

LOAD CALCULATIONS FOR "PANEL MP-1"				
BASED ON THE 2017 NEC				
	L1	L2	L3	NEC 220.61(A) NEUTRAL
CALCULATED LOAD (NEC 215.5)	188,050 VA	188,050 VA	188,050 VA	188,050 VA
CALCULATED LOAD WITH DEMAND FACTORS (NEC 215.5)				
GENERAL LOAD	103,427 VA	103,427 VA	103,427 VA	103,427 VA
RECEPTACLE LOAD (NEC TABLE 220.44)				
1ST 10,000W	0 VA	0 VA	0 VA	0 VA
CONTINUOUS LOAD (NEC 215.2)	0 VA	0 VA	0 VA	0 VA
PLUS 25%	0 VA	0 VA	0 VA	0 VA
0% (NEUTRAL) NEC 215.2(A) EX NO. 2				0 VA
MOTOR LOAD (NEC 430.24)	84,623 VA	84,623 VA	84,623 VA	84,623 VA
PLUS 25% OF LARGEST MOTOR	3,690 VA	3,690 VA	3,690 VA	3,690 VA
KITCHEN LOADS (NEC 220.56)				
L1 (0 X 1) =	0 VA			0 VA
L2 (0 X 1) =		0 VA		
L3 (0 X 1) =			0 VA	
TOTAL BALANCED LOAD (3-PHASE)	191,740 VA	191,740 VA	191,740 VA	
TOTAL BALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
TOTAL UNBALANCED LOAD (1-PHASE)	0 VA	0 VA	0 VA	
NEUTRAL LOAD				191,740 VA
LINE AMPS BALANCED (3-PHASE)	691.9 A	691.9 A	691.9 A	
LINE AMPS BALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
LINE AMPS UNBALANCED (1-PHASE)	0.0 A	0.0 A	0.0 A	
TOTALS	691.9 A	691.9 A	691.9 A	692.2 A
ADJUSTMENT FACTOR	103.8 A	103.8 A	103.8 A	103.8 A
TOTAL DESIGN LOAD	795.7 A	795.7 A	795.7 A	796.0 A
VOLTAGE DROP CALCULATIONS				
Three Phase	(2 X 15' L X 0.0151 R X 691.9 A + 1,000 X 0.866) = 0.3 VD			
Voltage Drop %	(0.3 VD + 480 V X 100) = 0.1 % VD			

ELECTRICAL PLANS FOR
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PINNACLE CAMPGROUND UPGRADE
ROUTT COUNTY, CO

MICHAEL EHRLICH
STRUCTURAL ENGINEERING INC
PO BOX 772888 STEAMBOAT SPRINGS, CO

7-31-2019

E3

ELECTRICAL NOTES

- ALL SWITCHES ARE TO BE MOUNTED AT 44" AFF UNO.
- ALL WORK TO BE DONE BY LICENSED ELECTRICAL CONTRACTOR.
- ALL ELECTRICAL WORK TO BE DONE IN ACCORDANCE WITH 2017 NATIONAL ELECTRIC CODE.
- ALL OUTLETS BY SINKS, DRAINS, OR WATER REQUIRE GROUND FAULT CIRCUIT INTERRUPTER, PER ELECTRICAL CONTRACTOR.
- ALL WIRING AGAINST CONCRETE OR MASONRY WALLS TO BE IN STEEL CONDUIT ATTACHED WITH RAM-SET STEEL C BRACKETS. ONE BRACKET PER 5' OF CONDUIT.
- ALL BRANCH WIRING IS 12 GA COPPER FOR 20A & 25A CIRCUITS, 10 GA COPPER FOR 30A CIRCUITS, 8 GA FOR 40A CIRCUITS, & 6 GA FOR 50A CIRCUITS.
- ALL UNGROUNDED RECEPTACLES TO BE REPLACED WITH NEW GROUNDED RECEPTACLES PER CODE.
- ALL UNUSED WIRING TO BE REMOVED OR OTHERWISE BOXED OFF AND ENCLOSED.
- EXISTING WIRING & EQUIPMENT SHALL BE EXAMINED BY THE ELECTRICAL CONTRACTOR. DAMAGED OR MALFUNCTIONING ITEMS SHALL BE REPLACED.
- UNUSED BREAKERS & BOXES TO BE COVERED.

Table 551.73(A) Demand Factors for Site Feeders and Service-Entrance Conductors for Park Sites

Number of Recreational Vehicle Sites	Demand Factor (%)
1	100
2	90
3	80
4	75
5	65
6	60
7-9	55
10-12	50
13-15	48
16-18	47
19-21	45
22-24	43
25-35	42
36 plus	41

310.60 ARTICLE 310 — CONDUCTORS FOR GENERAL WIRING

Table 310.15(B)(16) (formerly Table 310.16) Allowable Ampacities of Insulated Conductors Rated Up to and Including 2000 Volts, 60°C Through 90°C (140°F Through 194°F), Not More Than Three Current-Carrying Conductors in Raceway, Cable, or Earth (Directly Buried), Based on Ambient Temperature of 30°C (86°F)*

Size AWG or kcmil	Temperature Rating of Conductor [See Table 310.104(A).]						Size AWG or kcmil
	60°C (140°F)	75°C (167°F)	90°C (194°F)	60°C (140°F)	75°C (167°F)	90°C (194°F)	
	Types TW, UF	Types RHW, THHW, THW, THWN, XHHW, USE, ZW	Types TBS, SA, SIS, FEP, FEPB, MI, RHH, RHW-2, THHN, THHW, THW-2, THWN-2, USE-2, XHH, XHHW, XHHW-2, ZW-2	Types TW, UF	Types RHW, THHW, THW, THWN, XHHW, USE	Types TBS, SA, SIS, THHN, THHW, THW-2, THWN-2, USE-2, XHH, XHHW, XHHW-2, ZW-2	
	COPPER						
	ALUMINUM OR COPPER-CLAD ALUMINUM						
18**	—	—	14	—	—	—	—
16**	—	—	18	—	—	—	—
14**	15	20	25	—	—	—	—
12**	20	25	30	15	20	25	12**
10**	30	35	40	25	30	35	10**
8	40	50	55	35	40	45	8
6	55	65	75	40	50	55	6
4	70	85	95	55	65	75	4
3	85	100	115	65	75	85	3
2	95	115	130	75	90	100	2
1	110	130	145	85	100	115	1
1/0	125	150	170	100	120	135	1/0
2/0	145	175	195	115	135	150	2/0
3/0	165	200	225	130	155	175	3/0
4/0	195	250	260	150	180	205	4/0
250	215	255	290	170	205	230	250
300	240	285	320	195	230	260	300
350	260	310	350	210	250	280	350
400	280	335	380	225	270	305	400
500	320	380	430	260	310	350	500
600	350	420	475	285	340	385	600
700	385	460	520	315	375	425	700
750	400	475	535	320	385	435	750
800	410	490	555	330	395	445	800
900	435	520	585	355	425	480	900
1000	455	545	615	375	445	500	1000
1250	495	590	665	405	485	545	1250
1500	525	625	705	435	520	585	1500
1750	545	650	735	455	545	615	1750
2000	555	665	750	470	560	630	2000

*Refer to 310.15(B)(2) for the ampacity correction factors where the ambient temperature is other than 30°C (86°F). Refer to 310.15(B)(3)(a) for more than three current-carrying conductors.
 **Refer to 240.4(D) for conductor overcurrent protection limitations.

MAIN SYSTEM DESIGN

PANEL DESIGN DP-1

THE CAMPGROUND PEDESTAL LOADS ARE CALCULATED ON SHEET E2: 14,760 VA NON-MOTOR LOAD + 14,760 VA MOTOR LOAD PER POLE

FOR THE MARINA, HARDING & SPUR A LOAD OF 73A 277V PER POLE. 60 KVA MAX TOTAL IS USED BASED ON FEEDER F FROM THE ORIGINAL PLAN SHOWN ON E0. SEE ACCOMPANYING REPORT.

THE MAX LOAD PER POLE IS:
 60 KVA / 3 = 20 KVA PER POLE

50% OF THE LOAD IS ASSUMED TO BE NON-MOTOR LOAD AND 50% IS ASSUMED TO BE MOTOR LOAD:

50% x 20 KVA =
 10,000 VA NON-MOTOR LOAD + 10,000 VA MOTOR LOAD PER POLE

FOR THE LIFT STATION, THE FUTURE UPGRADE WILL HAVE A MAXIMUM LOAD OF 37 KVA. THE MOTOR LOAD PER POLE IS:

37 KVA / 3 = 12,333 VA MOTOR LOAD PER POLE

PANEL DP-1 TOTAL NON MOTOR LOAD:
 (4 X 14,760 VA) + 10,000 VA 12,333 VA = 69,040 VA PER LINE

PANEL DP-1 TOTAL MOTOR LOAD:
 (4 X 14,760 VA) + 10,000 VA + = 81,373 VA PER LINE

NEC 430.24 REQUIRES A 25% ADDITION PER LINE OF THE LARGEST SINGLE MOTOR LOAD (14,760 VA FROM ONE CAMPGROUND POLE):

25% x 14,760 VA = 3690 VA PER LINE

INCLUDING THE ADDITION FOR MOTOR LOAD THE TOTAL LOAD IS:

69,040 VA + 81,373 VA + 3,690 VA = 154,103 VA PER LINE
 154,103 VA / 277V = 556.1A PER LINE

A 15% CONTINGENCY ADJUSTMENT IS USED:
 0.15 x 556.1A = 83.4A PER LINE

INCLUDING THE CONTINGENCY THE TOTAL LOAD IS:
 556.1A + 83.4A = 639.5A PER LINE

A 700A 3 PHASE 4 WIRE PANEL IS USED WITH A 700A 3 POLE MAIN DISCONNECT AT MAIN PANEL MP-1.

THE FEED FROM THE MAIN PANEL IS:
 (2)3/2" PVC WITH (4)#500 AL 90 DEGREE C RATED & (1)#3/0 AL GROUND EACH.

ADD ALT BID NOTE

CONTRACTOR TO PROVIDE ADD ON COST TO BASIC COST ESTIMATE FOR REPLACEMENT OF EXISTING FEEDER LINES THAT ARE PROPOSED TO REMAIN. THESE INCLUDE PINNACLE RESTROOM, THE MARINA, AND HARDING GATE & SPUR

PANEL DESIGN MP-1

THE DISTRIBUTION PANEL DP-1 LOAD IS:
 69,040 VA NON MOTOR LOAD + 81,373 VA MOTOR LOAD PER LINE

THE FUTURE VISITOR CENTER LOAD IS ESTIMATED AT:
 31,617 VA NON MOTOR LOAD + 3,250 VA MOTOR LOAD PER LINE

THE SURGE SUPPRESSOR LOAD IS ESTIMATED AT:
 2,770 VA NON MOTOR LOAD PER LINE

NEC 430.24 REQUIRES A 25% ADDITION PER LINE OF THE LARGEST SINGLE MOTOR LOAD (14,760 VA FROM ONE DP-1 CAMPGROUND POLE)

25% x 14,760 VA = 3690 VA PER LINE

INCLUDING THE ADDITION FOR MOTOR LOAD THE TOTAL LOAD IS:

69,040 VA + 31,617 VA + 2,770 VA =
 103,427 VA NON MOTOR LOAD PER LINE

& 81,373 VA + 3,250 VA = 84,623 VA MOTOR LOAD PER LINE

103,427 VA NON MOTOR + 84,623 VA MOTOR + 3690 VA =
 191,740 VA TOTAL LOAD PER LINE

191,740 VA / 277V = 692.2A PER LINE

A 15% CONTINGENCY ADJUSTMENT IS USED:
 0.15 x 692.2A = 103.8A PER LINE

INCLUDING THE CONTINGENCY THE TOTAL LOAD IS:
 692.2A + 103.8A = 796.0A PER LINE

A 1000A 3 PHASE 4 WIRE PANEL IS USED WITH A 1000A 3 POLE MAIN SERVICE DISCONNECT.

THE FEED FROM THE MAIN PANEL IS:
 (4)3" EMT WITH (4)#350 XHHW AL & (1)#4/0 AL GROUND EACH.

PINNACLE CAMPGROUND

PEDESTAL CONFIGURATION

3 PEDESTALS PER CIRCUIT X
 3 CIRCUITS PER TRANSFORMER
 = 9 PEDESTALS PER TRANSFORMER
 X 4 TRANSFORMERS
 = 36 PEDESTALS TOTAL

PEDESTAL DESCRIPTION

50A/30A/20A GFCI DIRECT BURY PEDESTAL
 MIDWEST #U075CP6010 OR EQUAL
 120V/240V 1 PHASE 100 AMP DEMAND
 WITH LOOP LUG FOR #350 WIRE

BRANCH CIRCUIT DESIGN

NEC TABLE 551.73(A) ALLOWS A 0.80 DEMAND FACTOR FOR 3 SITES.
 3 x 0.80 x 100A = 240A
 A 250A 2 POLE BREAKER IS USED
 WITH (3) #350 AL & (1)#4 AL GROUND.

PANEL DESIGN P1-P4

NEC TABLE 551.73(A) ALLOWS A 0.55 DEMAND FACTOR FOR 9 SITES. THE 3 BRANCH CIRCUITS ARE 2 POLE. FOR THE 3 PHASE SYSTEM 3 SITES WILL BE ON EACH OF THE 6 POLES AND 2 POLES WILL BE ON EACH LINE:

3 x 0.55 x 100A = 165A PER POLE
 2 x 165A = 330A PER LINE
 165A x 120V = 19,800 VA PER POLE
 330A x 120V = 39,600 VA PER LINE
 THIS DOES NOT INCLUDE THE ADDITION FOR MOTOR LOAD.

50% OF THE LOAD IS ASSUMED TO BE NON-MOTOR LOAD AND 50% IS ASSUMED TO BE MOTOR LOAD:

50% x 165A =
 82.5A NON-MOTOR LOAD + 82.5A MOTOR LOAD PER POLE
 50% x 330A =
 165A NON-MOTOR LOAD + 165A MOTOR LOAD PER LINE

82.5A x 120V =
 9,900 VA NON-MOTOR LOAD + 9,900 VA MOTOR LOAD PER POLE
 165A x 120V =
 19,800 VA NON-MOTOR LOAD + 19,800 VA MOTOR LOAD PER LINE

NEC 430.24 REQUIRES A 25% ADDITION PER LINE OF THE LARGEST SINGLE MOTOR LOAD (82.5A FROM ONE POLE):

25% x 82.5A = 20.6A PER LINE
 20.6A x 120V = 2475 VA PER LINE

INCLUDING THE ADDITION FOR MOTOR LOAD THE TOTAL LOAD IS:

330A + 20.6A = 350.4A PER LINE
 39,600 VA + 2475 VA = 42,075 VA PER LINE

A 400A 3 PHASE 4 WIRE PANEL IS USED WITH A 400A 3 POLE MAIN DISCONNECT BREAKER.

THE FEED FROM THE TRANSFORMER IS:
 (2)2 1/2" EMT WITH (4)#250 AL & (1)#1 AL GROUND EACH.

TRANSFORMER DESIGN T1-T4

AT THE SECONDARY SIDE THE DEMAND IS 350.4A PER TRANSFORMER. THE MINIMUM TRANSFORMER KVA IS:
 208V x 350.4A x 1.73 / 1000 = 126 KVA

USE FOUR 150 KVA TRANSFORMERS
 3 PHASE 4 WIRE
 277V/480V PRIMARY 120V/208V SECONDARY

AT THE PRIMARY SIDE THE DEMAND IS
 350.4A x (120V/277V) = 152A

THE FEEDS FROM DISTRIBUTION PANEL DP-1 ARE EACH
 (1)2 1/2" PVC #4/0 AL & (1)#4 AL GROUND

THE OVERCURRENT PROTECTION AT DISTRIBUTION PANEL DP-1 SHOULD BE SIZED AT 175A 3 PHASE FOR EACH TRANSFORMER.

PEDESTAL LOADS AT DISTRIBUTION PANEL DP-1

NEC TABLE 551.73(A) ALLOWS A 0.41 DEMAND FACTOR FOR 36 SITES. THE LOADS FROM PANELS P1-P4 AND THE RATIO OF THE DEMAND FACTORS CAN BE USED. EACH OF THE LINES TO TRANSFORMERS T1-T4 IS FED FROM ONE POLE OF THE FOUR 3 POLE BREAKERS AT DP-1. AT DP-1 THE LOAD IS:

(0.41/0.55) x 39,600 VA = 29,520 VA PER POLE
 THIS DOES NOT INCLUDE THE ADDITION FOR MOTOR LOAD.

50% OF THE LOAD IS ASSUMED TO BE NON-MOTOR LOAD AND 50% IS ASSUMED TO BE MOTOR LOAD:

50% x 29,520 VA =
 14,760 VA NON-MOTOR LOAD + 14,760 VA MOTOR LOAD PER POLE

ELECTRICAL PLANS FOR
 STAGECOACH STATE PARK
 PINNACLE CAMPGROUND UPGRADE
 ROUTT COUNTY, CO

MICHAEL EHRLICH
 STRUCTURAL ENGINEERING INC
 9701870 - 3866
 PO BOX 772889 STAMBOGT SPRINGS, CO

7-31-2019

E4



BOARD COMMUNICATION FORM

From: Andy Rossi

Date: 08/28/19

Item: Colorado Parks and Wildlife Parking Lot Routt County Permit Applications

<input type="checkbox"/>	DIRECTION
<input type="checkbox"/>	INFORMATION
<input checked="" type="checkbox"/>	MOTION
<input type="checkbox"/>	RESOLUTION

I. Summary and Background Information:

The Colorado Division of Parks and Wildlife (CPW) proposes to build an 8 - car parking lot on Upper Yampa Water Conservancy District (UYWCD) property located on the south shore of Stagecoach Reservoir. The proposed project is within the Federal Energy Regulatory Commission (FERC) project boundary of the Stagecoach project as shown on the Stagecoach FERC License Exhibit G, dated November 14, 2016. CPW staff have worked cooperatively with the UYWCD during the project planning and scoping phases to ensure that the proposed project complies with regulatory agency requirements. The proposed project permit documents including project summaries, location maps, and detailed project plan are included with this memorandum as attachments.

The proposed activity and associated Routt County Permit application documents comply with the Routt County rules and regulations for the project. The project activities are authorized under the FERC License Article 416. The CPW staff have complied with the *Rule and Regulation of the Upper Yampa Water Conservancy District by Third Parties at Stagecoach Reservoir (07/23/14)*.

II. Alternatives:

- Authorize signature of permit documents by the UYWCD authorized agent.
- Reject the permit application documents and provide UYWCD staff with direction for the completion of permit documents that may be accepted for signature by the UYWCD authorized agent.

III. Staff Recommendation:

Authorize signature of all Routt County Permit Application documents by the UYWCD authorized agent.



IV. Legal Issues:

- The UYWCD is the owner of the property where the proposed project is located.
- The Project requires a Routt County Land Use and Zoning Amendment, Routt County Grading and Excavating Permit (including Storm Water management Plan).
- The proposed project is within the Stagecoach FERC project boundary.
- The UYWCD Board of Directors adopted the *Rule and Regulation of the Upper Yampa Water Conservancy District by Third Parties at Stagecoach Reservoir* on July 23, 2014.

V. Consistency with Board Goals and Policies:

The proposed project activities represent a cooperative effort by the CPW and UYWCD staffs for the maintenance and improvements of UYWCD facilities. The CPW staff have complied with the *Rule and Regulation of the Upper Yampa Water Conservancy District by Third Parties at Stagecoach Reservoir (07/23/14)*.

Attachments:

Routt County Application Form: Land Use and Zoning
Routt County Application Form: Grading and Excavating
FERC Exhibit G
UYWCD Rule and Regulation



APPLICATION FORM: LAND USE & ZONING

Activity No. _____ OFFICE USE
 Base Fee \$ _____ Receipt No. _____
 Received By _____ Date _____
 Deemed Complete By _____ Date _____

I. PROJECT NAME SOUTH SHORE PARKING LOT:

II. TYPE OF REVIEW

This application form must be accompanied by the applicable submittal checklist.

- Minor Use Permit
- Sign Permit
- Special Event Permit
- Administrative Amendment to CUP/SUP/PUD Site Plan
- Administrative Permit
- Water Body Setback Permit
- Floodplain Development Permit
- Site Plan Review
- Pre-Application Conference
- Zoning Amendment/Rezoning
- Variance
- Conditional Use Permit (CUP)
- Special Use Permit (SUP)
- Conceptual PUD
- Final PUD

III. APPLICANT

Name STAGECOACH STATE PARK - CRAIG PRESTON
 Mailing Address PO Box 98
 City OAK CREEK State CO Zip 80467
 Phone 970-736-2436 Email craig-preston@state.co.us
 Representative / Primary Contact SAME
 Mailing Address _____
 City _____ State _____ Zip _____
 Phone _____ Email _____

IV. PROPERTY OWNER

Name UPPER YAMPA WATER CONSERVANCY DISTRICT
 Mailing Address PO Box 775529
 City STEAMBOAT SPGS State CO Zip 80477
 Phone 970-871-1035 Email grossi@upperyampawater.com

V. PROPERTY INFORMATION

Property Address 25500 CR 14 OAK CREEK CO 80467
 General Location SOUTH ROUT COUNTY, CR 14
 Legal Description (may be attached) SEE ATTACHED
 Parcel Identification No. (PIN) _____ Property Size (acres) 800 LAND / 800 WATER
 Current Use STATE PARK Zoning PUD
 Proposed Use STATE PARK

VI. SIGNATURES

This application form must be signed by both the applicant and legal owner of the property. Attach additional pages if necessary.

By signing below, the applicant acknowledges that all information contained on this application form and within accompanying submittals are true and correct and agrees to pay all required fees associated with this application. The base fee is intended to cover the estimated minimum staff hours to process the application. Any additional staff hours will be assessed at \$134 per hour. The applicant signing below is responsible for all additional hourly fees. Failure to pay fees may result in revocation of a permit/approval.

Craig Preston _____
 Applicant's Signature Print/type name of applicant

By signing below, the property owner authorizes the applicant to petition Routt County for approval of the submitted application.

 Property Owner's Signature Print/type name of property owner



**SUBMITTAL CHECKLIST
 GENERAL LAND USE CHANGE**

Activity No. _____	OFFICE USE
Reviewed By _____	Date _____

This checklist shall be completed by the applicant and must accompany a complete application form. Failure to submit all required information may delay the review of the application. Applicant is responsible for notice to mineral interest owners (refer to Mineral Interest Notice Requirements).

- Signed application form
- Application fee \$ _____
- PDF of complete submittal package: CD/Flash Emailed
- Proof of ownership: Lease Deed
- Statement of Authority, if required
- Vicinity map
- Legal description: Attached On application form
- List and 2 sets of mailing labels with names and mailing addresses of all adjacent property owners (*not required for Minor Use Permits*)
- Written narrative / detailed description of subject site and proposed use, including the following information, as applicable:
 - Description of use
 - Hours of operation
 - Anticipated number of employees
 - Anticipated traffic
 - Access to the property
 - Type of equipment and vehicles
- Mitigation Plan for any significant negative impacts (*Refer to Section 6, Routt County Zoning Regulations*)
- Site plan, drawn to scale, including the following information, as applicable:
 - Scale
 - North arrow
 - Location and dimensions of all existing and proposed buildings, structures, and fencing
 - Location and dimensions of all outdoor storage, trash enclosures, staging areas, and/or other outdoor use areas
 - Parking areas
 - Snow storage
 - Sanitation facilities
 - Utilities
 - Water bodies, drainages, and ditches
 - Wetlands, floodplain, and steep slopes (>30%)
 - Easements, building envelopes, and minimum setbacks
 - Location, width, and surface of all sidewalks and trails
 - Location and type of proposed landscaping and/or screening
 - Location, width, and surface of all existing and proposed access roads and drives
 - Location and method of hazardous materials storage
 - Exterior lighting
 - Phasing Plan, if applicable
 - Grading and Excavation Plan, if applicable
 - Reclamation Plan, if applicable
- Floor plans and elevation drawings of proposed buildings, drawn to scale
- Engineered plan and profiles for all new Common Roads
- Traffic Impact Study (*per Road & Bridge Department standards*), if required
- Transportation Summary Information (*per Road & Bridge Department standards*), if Road Engineering Study is required
- Additional submittal requirements for specific land use proposal (*Refer to Appendix A, Routt County Zoning Regulations*)
- Additional information as required by Planning Director _____
 - CDOT Access Permit (submitted or approved), if applicable
 - Wildlife Mitigation Plan, if required



COLORADO

Parks and Wildlife

Department of Natural Resources

Stagecoach State Park
25500 CR 14
Oak Creek CO, 80467
P 970.736.2436 | F 970.736.2516

CPW is proposing to build an 8 car gravel parking lot with access driveway. This will be located on land owned by the Upper Yampa Water Conservancy District and managed through lease with Colorado Parks and Wildlife. The parking lot will be constructed at the end of currently Routt County maintained Arapahoe Rd adjacent to the South Shore Community at Stagecoach. Access will be from CR16 to CR18A to Uncompahgre Rd to Arapahoe Road. We are building this parking lot to formalize parking in an area already used where people are parking on the road, on the county right-of-way, and/or parking on private property to access Stagecoach State Park Trails. As stated this will be an 8 vehicle parking lot with informational signage and a short 100yard access trail intersecting with the Elk Run Trail at Stagecoach. This will be a Day Use Parking lot which means there is no camping allowed in this parking lot. That said, people would be allowed to park here all night if they are actively fishing along the shoreline. We, CPW Staff, will maintain the parking lot and will patrol this parking lot when appropriate from 1-4 times per day depending on use patterns. As in many of our Day Use Parking Lots there will not be any kind of restroom facility but there is one approximately ½ mile away in our Morrison Cove Parking Lot.

This will be a seasonal parking lot and will close when snow covered. We are requesting no additional maintenance from Routt County to the section of Arapahoe Rd that is not normally maintained through the winter. It will close when there is too much snow and open when the snow melts. We have not done any traffic impact studies and have been advised that it is not necessary. As with historical patterns, this parking lot will mostly be used by residents of the South Shore Community and residents of nearby subdivisions. We will be working with Routt County Road and Bridge on additional county signage including additional speed limit signs, “no parking” and/or “parking in designated parking lots only” signs when and where deemed appropriate in consultation with county staff. CPW is happy to help pay for these additional signs.





**SUBMITTAL CHECKLIST
 ZONING AMENDMENT (MAP OR TEXT)**

Activity No. _____	OFFICE USE
Reviewed By _____	Date _____

This checklist shall be completed by the applicant and must accompany a complete application form. Failure to submit all required information may delay the review of the application.

MAP AMENDMENT (REZONING)

- Signed application form
- Application fee \$ _____
- PDF of complete submittal package: CD/Flash Emailed
- Proof of ownership: Lease Deed
- Statement of Authority, if required
- Vicinity map
- Legal description: Attached On application form
- Boundary survey (certified by Registered Land Surveyor)
- List and 2 sets of mailing labels with names and mailing addresses of all adjacent property owners *(for public notice purposes)*
- Written narrative / detailed response to the standards of Section 8.2.1 of the Routt County Zoning Regulations. The petition must show that all of the following exist:
 - The proposed zone change is consistent with the goals and policies of the Master Plan and any applicable sub-area plans.
 - The area in question possesses geological, physical, and other environmental conditions compatible with the characteristics of the requested Zone District.
 - The advantages of the requested Zone District substantially outweigh the disadvantages to the County and neighboring land occasioned by the amendment.
 - The applicable provisions of the Zoning Regulations can be met.
 - In the case of a rezoning that would increase allowable residential, commercial, or industrial density, adequate facilities such as roads, water and sanitation, fire protection, emergency services and public utilities are available to serve the area.
- Written narrative / detailed response to the standards of Section 8.2.2 of the Routt County Zoning Regulations. The petition must show that one or more of the following exist:
 - The existing Zone District is inconsistent with the policies and goals of the applicable Master Plan and any applicable adopted area or community plan.
 - The area for which rezoning is requested has changed or is changing to such a degree that it is in the public interest to encourage a new use or density in the area.
 - The proposed rezoning is necessary in order to provide land for a demonstrated community need.
 - The existing zone classification currently shown on the Official Zone Map is an error.
- Additional submittal requirements for water or sewer facilities *(Refer to Appendix A, Routt County Zoning Regulations)*

TEXT AMENDMENT

- Signed application form
- Application fee \$ _____
- PDF of complete submittal package: CD/Flash Emailed
- Written description of the proposed amendment to the text of the Routt County Zoning Regulations, the purpose of the request, and how the proposed amendment will further the goals of the Routt County Master Plan and sub-area plans
- Any information or documents supporting the need for the request, if available



COLORADO

Parks and Wildlife

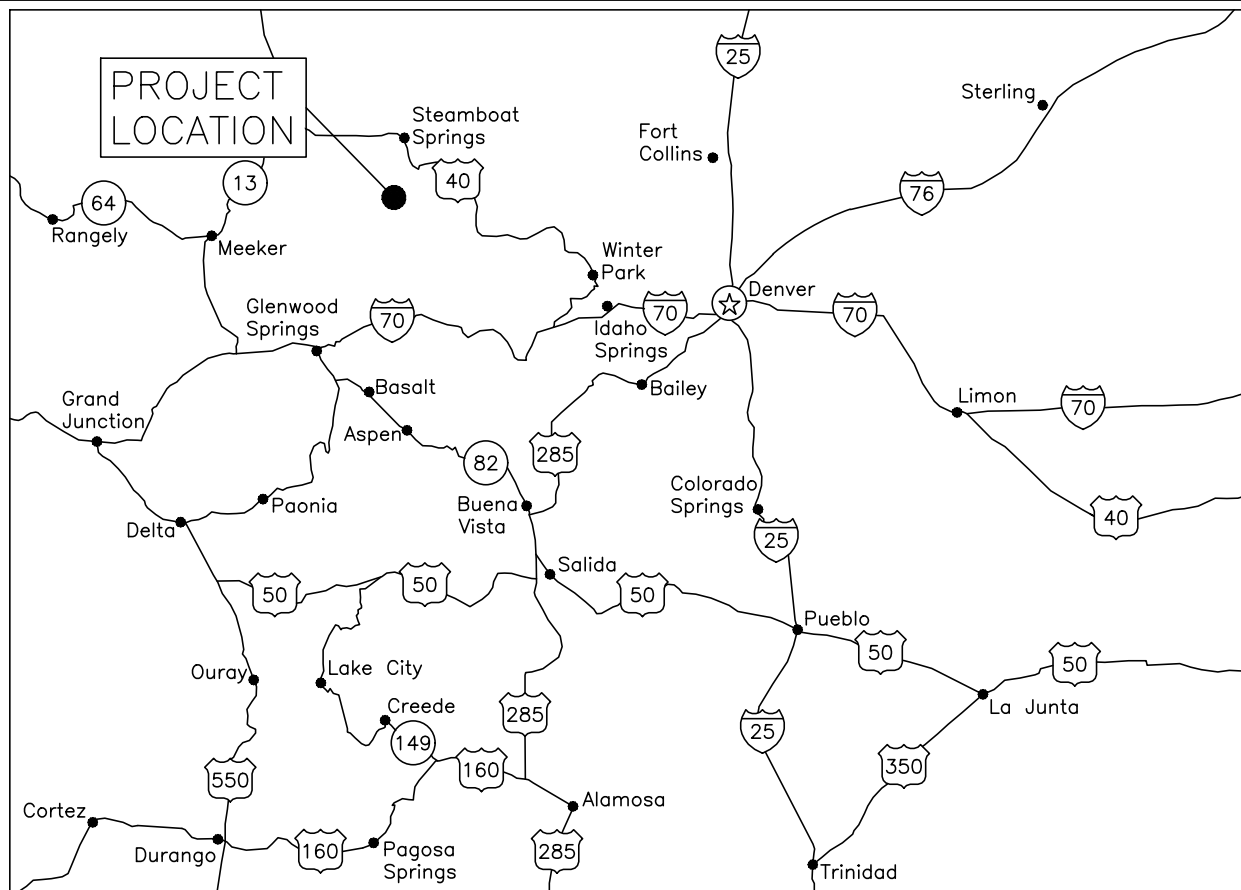
Department of Natural Resources

Stagecoach State Park
25500 CR 14
Oak Creek CO, 80467
P 970.736.2436 | F 970.736.2516

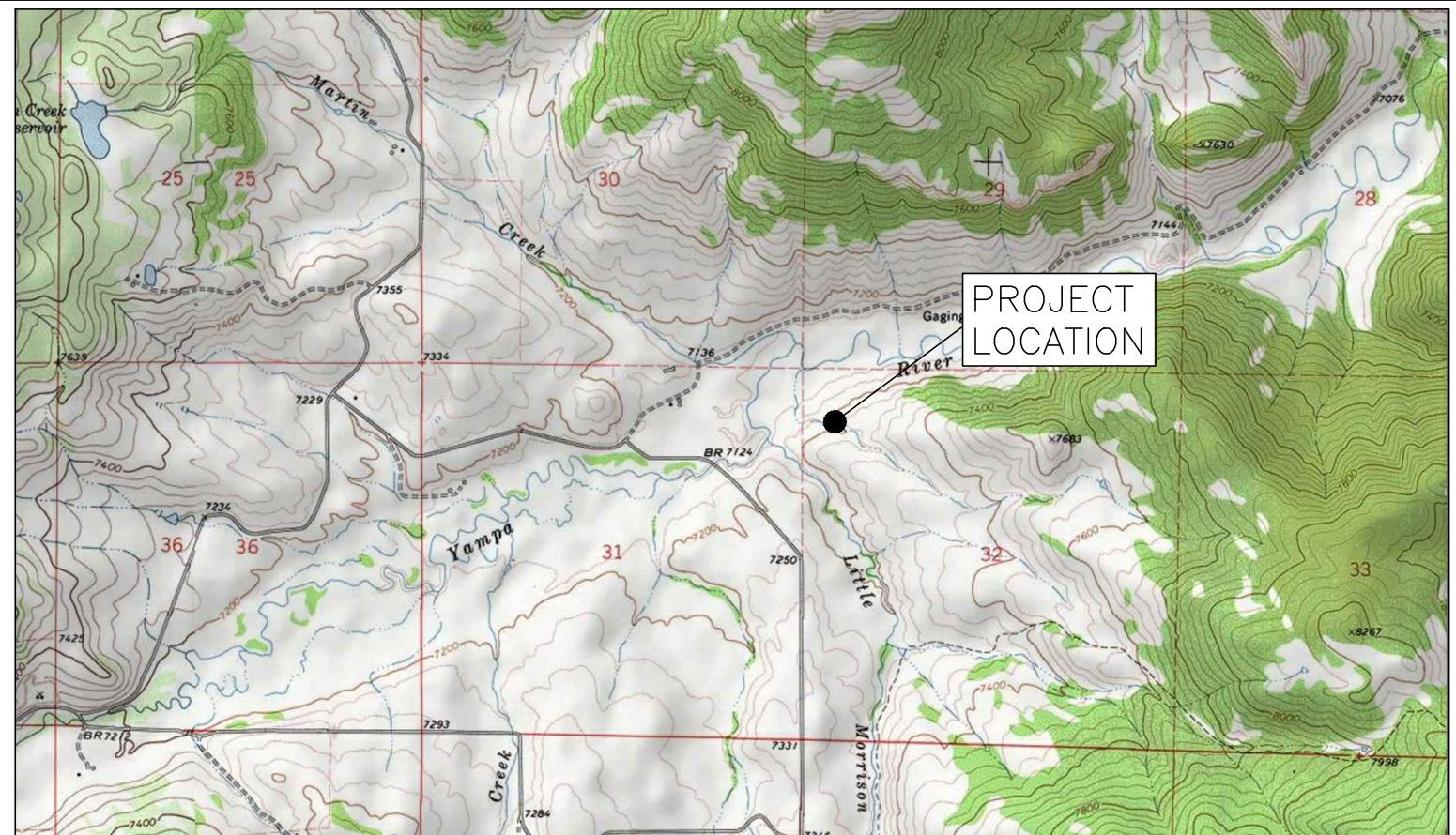
CPW is proposing the zone change as depicted in attached documents. We feel this change will align this parcel with the rest of the park managed property which is zoned PUD/Outdoor Recreation. Making it part of the existing PUD will improve consistent use and opportunities including the existing trail with access to both CPW managed property and BLM Property accessible through the park. This piece of property is owned by the Upper Yampa Water Conservancy District and managed through lease by CPW. The advantages include county residents and area visitors will have increased access to the state park, BLM property and associated outdoor recreation opportunities. Historically people accessing the park in this area are parking on the road, on county right-of-way, or on private property. This parking lot will give these people a legal, safe place to park and access this part of the park. We are working with Routt County Road and Bridge to confirm the road is adequately sized and to assess potential road signage needs such as “Park in Designated Areas Only” or “No Parking on County Right-of-Way”. We do not anticipate traffic to increase to this area and are only trying to formalize parking in this area for people to legally access the park. The only increase would likely come from exponential growth in the South Shore and surrounding Communities.

The existing Zone designation is not consistent with current park use and needs. People have figured out that they can park in this location to access the park so we hope to change zoning to better manage access to the park in this location. This location has changed in that more people are building and moving in to this community and we need to provide a parking area where we can manage when and where they park and access the state park.

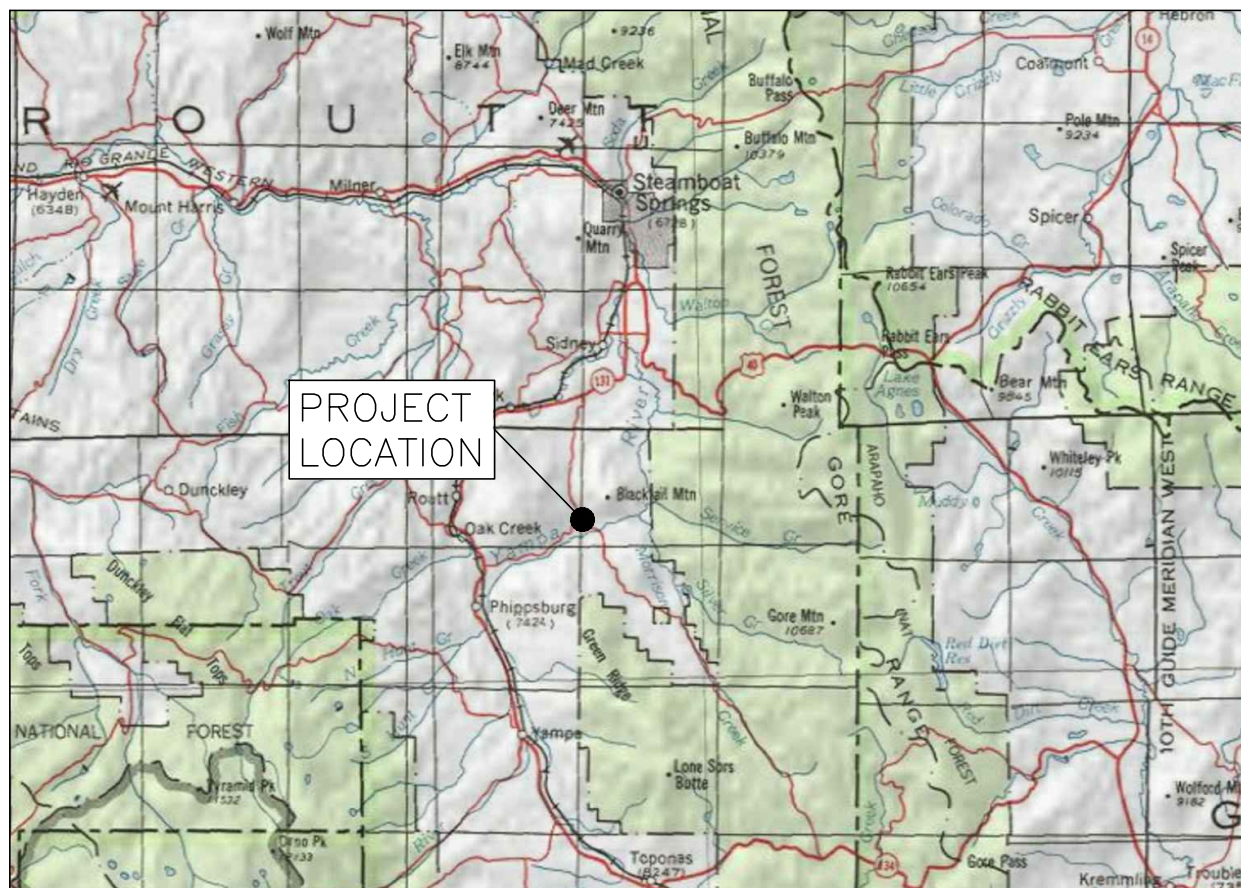
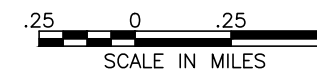




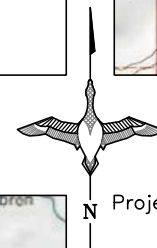
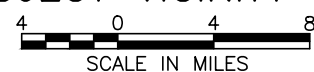
STATE MAP



PROJECT LOCATION MAP



PROJECT VICINITY MAP



Project Address: Stagecoach State Park
25500 County Road 14
Oak Creek, CO 80467

Project Location:
Latitude: 40°16'56"
Longitude: 106°50'23"

PRELIMINARY
DATE: 3/12/19
NOT FOR CONSTRUCTION

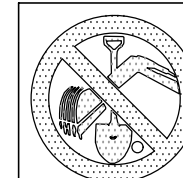
EARTHWORK SUMMARY		
WORK DESCRIPTION	CUT (cu. yds)	FILL (cu. yds)
GRAVEL DRIVE AND PARKING AREA		150
EARTHWORK (FILL)		2150
EARTHWORK (CUT) FROM BORROW SITE	2150	
TOTAL	2150	2300

GENERAL NOTES:

- ALL UNDERGROUND UTILITIES MUST BE FIELD LOCATED BY THE APPROPRIATE AGENCY OR UTILITY COMPANY PRIOR TO ANY EXCAVATION, PURSUANT TO C.R.S. SEC. 9-1.5-103.
- THE CONTOURS DEPICTED ARE FROM THE 2010 UPPER YAMPA WATER CONSERVANCY DISTRICT STAGECOACH RESERVOIR ENLARGEMENT PLANS (NAV88).
- LOT LINES DEPICTED ARE FROM ROUTT COUNTY GIS PARCEL DATA. BOUNDARY DETERMINATION IS NOT A PART OF THIS EXHIBIT. THIS IS NOT A "LAND SURVEY PLAT" OR "IMPROVEMENT SURVEY PLAT" AND THIS EXHIBIT IS NOT INTENDED FOR PURPOSES OF TRANSFER OF TITLE OR SUBDIVISIONS OF LAND.

Sheet List Table	
Sheet Number	Sheet Title
1	Cover Sheet
2	Overall Site Map
3	Parking Lot Site Plan

PARKS & WILDLIFE PROJECT CONTACTS	
ENGINEERING SECTION	303-291-7391
PARK MANAGER, CRAIG PRESTON	970-736-2436
REGIONAL ENGINEER, MIKE HAVENS	970-434-6862
DESIGN ENGINEER, HANS NIELSEN	303-291-7402

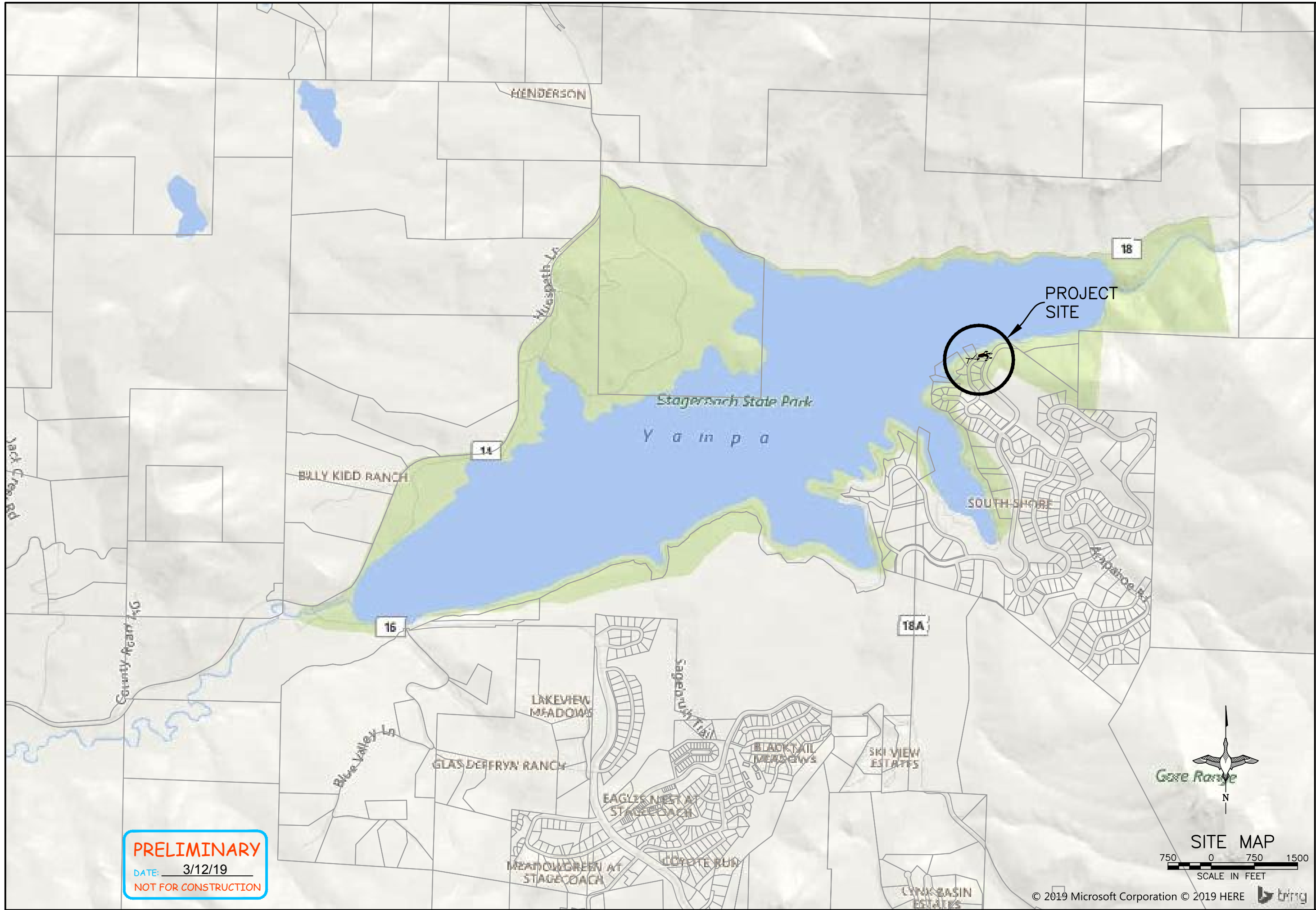


FOR BURIED UTILITY INFORMATION
CALL 811
TWO BUSINESS DAYS BEFORE YOU DIG
UTILITY NOTIFICATION CENTER
OF COLORADO (UNCC) OR
COMMON GROUND ALLIANCE (CGA)

STAGECOACH STATE PARK
SOUTHEAST SHORE PARKING LOT

DESIGNER:	H. NIELSEN	DATE:	02/19
DRAWN BY:	H. NIELSEN	DATE:	02/19
CHECKED BY:		PROJECT NO.:	5307011
APPROVED:		SHEET NO.:	1
CHIEF ENGR.:			OF 3

STAGECOACH STATE PARK
COVER SHEET



PRELIMINARY
 DATE: 3/12/19
 NOT FOR CONSTRUCTION

STAGECOACH STATE PARK
 SOUTHEAST SHORE PARKING LOT

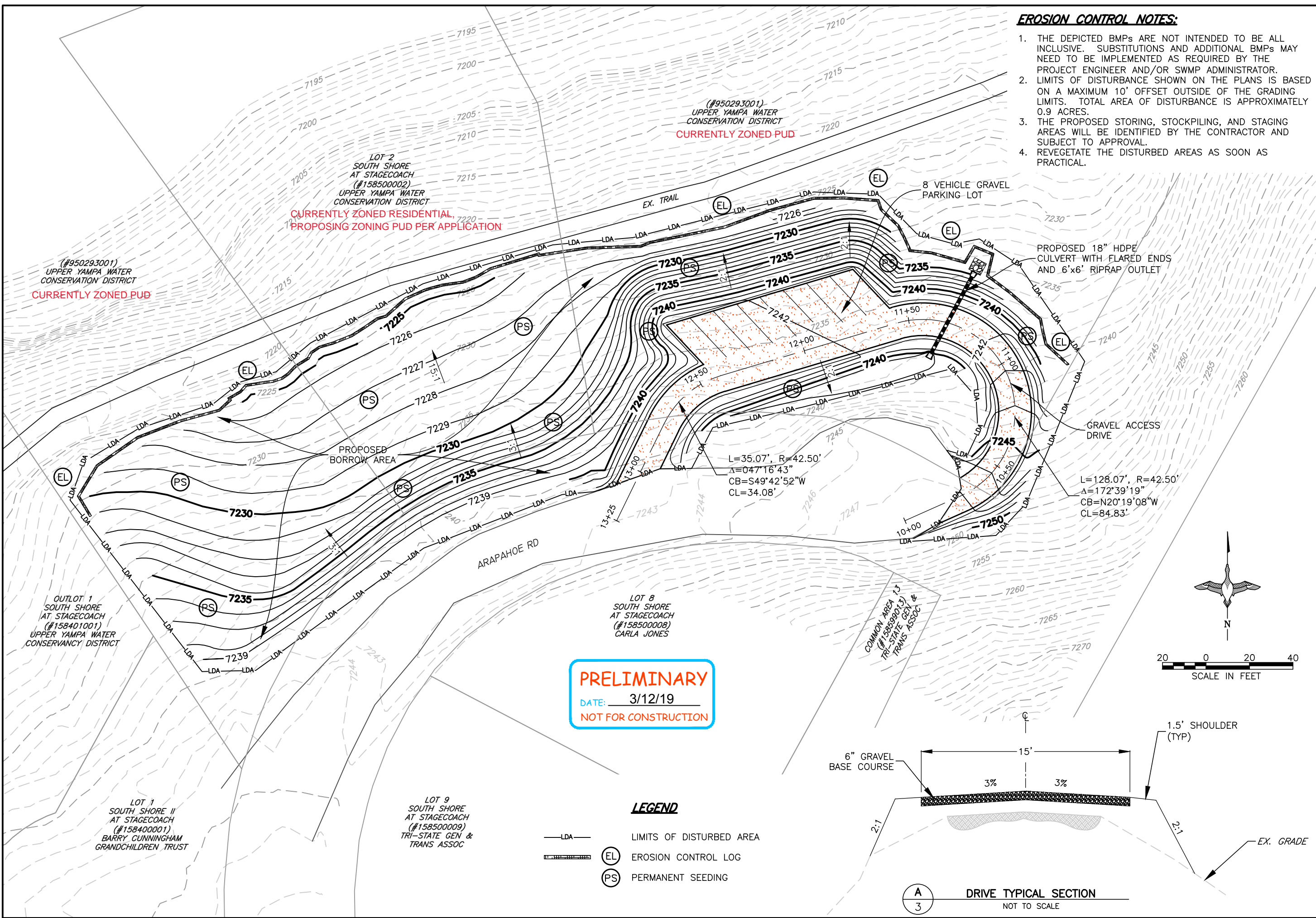


DESIGNER:	H. NIELSEN	DATE:	
DRAFTER:	H. NIELSEN	BY:	
CHECKED BY:		REVISIONS:	
APPROVED:		02/19	02/19
CHIEF ENGR.:		DATE:	
		PROJECT NO.:	5390111
		SHEET NO.:	2
		OF 3	

STAGECOACH STATE PARK
 OVERALL SITE MAP

EROSION CONTROL NOTES:

1. THE DEPICTED BMPs ARE NOT INTENDED TO BE ALL INCLUSIVE. SUBSTITUTIONS AND ADDITIONAL BMPs MAY NEED TO BE IMPLEMENTED AS REQUIRED BY THE PROJECT ENGINEER AND/OR SWMP ADMINISTRATOR.
2. LIMITS OF DISTURBANCE SHOWN ON THE PLANS IS BASED ON A MAXIMUM 10' OFFSET OUTSIDE OF THE GRADING LIMITS. TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 0.9 ACRES.
3. THE PROPOSED STORING, STOCKPILING, AND STAGING AREAS WILL BE IDENTIFIED BY THE CONTRACTOR AND SUBJECT TO APPROVAL.
4. REVEGETATE THE DISTURBED AREAS AS SOON AS PRACTICAL.



PRELIMINARY
 DATE: 3/12/19
 NOT FOR CONSTRUCTION

LEGEND

- LDA— LIMITS OF DISTURBED AREA
- ⊖ EL EROSION CONTROL LOG
- ⊙ PS PERMANENT SEEDING

A
3

DRIVE TYPICAL SECTION
 NOT TO SCALE

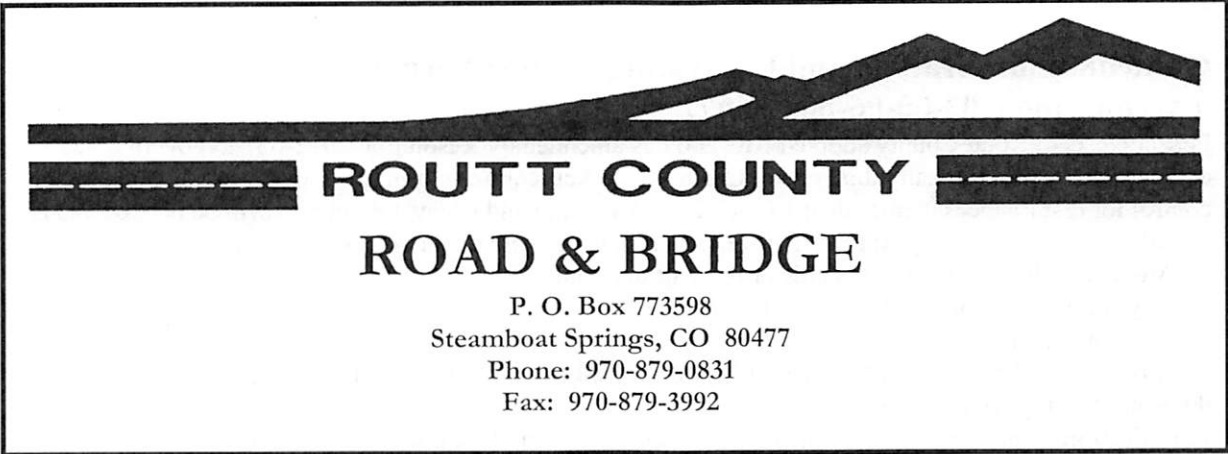
STAGECOACH STATE PARK
 SOUTHEAST SHORE PARKING LOT



REVISIONS:	DATE	BY

DESIGNER:	H. NIELSEN
DRAWN BY:	H. NIELSEN
CHECKED BY:	
APPROVED:	
DATE:	02/19
PROJECT NO.:	SS00111
SHEET NO.:	3
OF 3	

STAGECOACH STATE PARK
 PARKING LOT SITE PLAN



Permit Application

Type of permit applied for:		
Grading and Excavating <input checked="" type="checkbox"/>	Driveway <input type="checkbox"/>	Utility Installation <input type="checkbox"/>
Cattle Guard Installation <input type="checkbox"/>	Special Event <input type="checkbox"/>	Oversize/Overweight <input type="checkbox"/>
Adopt A Highway <input type="checkbox"/>	Plow <input type="checkbox"/>	Work in Right-of Way <input type="checkbox"/>
other _____		

Property Information

Project physical address: Stagecoach State Park, South Shore City: Oak Creek
 Parcel Number: 950293001 Section(s): 32 Township: 4N
 Area to be disturbed: 0.9 ac

Owner/Applicant Information

Applicant/ Contractor: Colorado Parks & Wildlife
 Mailing Address: PO Box 98 City: Oak Creek State: CO Zip: 80467
 Phone number: 303-291-7402 Email: hans.nielsen@state.co.us
 Property Owner: Upper Yampa Water Conservation District
 Mailing Address: PO Box 775529 City: Steamboat State: CO Zip: 80477
 Phone Number: 970-871-1035 Email: Andy Rossi
 Contractor Name: Phone number:

Project Description:
 Construct an 8 space parking area with access drive.

Guidelines for Grading and Excavating (G &E) Permits (Accounting # 03-00-06-000-5647)

Permit Needed: Routt County adopted IBC 2009 as amended by Resolution 2012-051 to govern grading and excavating. Additionally the Federal Clean Water Act requires storm water management and erosion control for disturbances greater than 1 (one) acre. A grading and excavating permit will be needed and is issued by the Routt County Road & Bridge Department for land disturbances that include:

- Any excavation of 300 cubic yards or more of material
- Any fill of 300 cubic yards or more of material
- Any soil disturbance of one acre or more
- Any activity that occurs within the 50-foot water body setback of any water body, as defined in the Routt County zoning resolution.

For additional information see: <http://www.co.routt.co.us/DocumentCenter/View/159>

Permit is not needed if only excavation or fill is for a structure foundation for a structure permitted via a Routt County Building permit.

Permit Application shall include:

✂ Site Plan/design (either CAD drawings or hand drawn to scale) with erosion control measures drawn in. See R &B for complete site plan checklist.

✂ Storm Water Management Plan SWaMP (using the county format)

<http://www.co.routt.co.us/DocumentCenter/View/158>

✂ Approximate amount of Cut, Fill, and/or Surface Area moved

Additional info needed on application: If applicable, Wetland development permit, CDPHE permit.

Permit Process:

1. Submit complete G & E permit application to the County Road & Bridge Department offices at 136 6th Street, between the hours of 7:30 am and 4:30 pm. Applications must include cut/fill calculations.
2. Applicant completes Storm Water Management Plan (SWMP) and provides copy on-site.
3. R & B and Planning reviews application and inspects site. (??? Geo and fire??)
4. Revisions are made by applicant if needed.
5. R & B and Planning re-reviews and re-inspects if needed.
6. If acceptable application is approved
7. Applicant pays fee and permit issued.
8. Applicant conducts work in accordance with plans, maintains erosion control, and updates SWMP as needed.
9. R & B inspects completed work
10. If erosion, re-vegetation and structural measures are met, permit is closed

Following G & E plan review and initial inspection of complete and adequate application the permit will typically be issued within 7 business days. G & E permits should follow Routt County Best Management Practices to control erosion and sediment. (Guidelines available at Routt County Road and Bridge or Planning Depts.) PLEASE NOTE: The municipalities/towns of Yampa, Hayden, and Oak Creek will assess charges as per the Uniform Building Code Appendix Chapter 33 and not the adopted version by the County.

Fee Calculation:

GRADING PLAN REVIEW FEES

- 50 cubic yards.....No Fee
- 50 to 100 cubic yards.....\$26.50
- 100 to 1,000 cubic yards.....\$42.00
- 1,000 to 10,000 cubic yards.....\$55.00
- 10,000 to 100,000 cubic yards – \$55.00 for the first 10,000 cubic yards, plus \$27.50 for each additional 10,000 cubic yards or fraction thereof.
- 100,000 to 200,000 cubic yards - \$302.50 for the first 100,000 cubic yards, plus \$14.85 for each additional 10,000 cubic yards or fraction thereof.
- 200,000 cubic yards or more - \$451.00 for the first 200,000 yards, plus \$8.15 for each additional 10,000 cubic yards or fraction thereof.

GRADING PERMIT FEES

- 0 to 100 cubic yards.....\$50.00
- 100 to 1,000 cubic yards - \$50.00 for the first 100 cubic yards, plus \$20.00 for each additional 100 cubic yards or fraction thereof.
- 1,000 to 10,000 cubic yards - \$230.00 for the first 1,000 cubic yards, plus \$16.50 for each additional 1,000 cubic yards or fraction thereof.
- 10,000 to 100,000 cubic yards - \$378.50 for the first 10,000 cubic yards, plus \$75.00 for each additional 10,000 cubic yards or fraction thereof.
- 100,000 cubic yards or more - \$1,053.50 for the first 100,000 cubic yards plus \$42.00 for each additional 10,000 cubic yards or fraction thereof.

OTHER FEES

1. Inspections outside of normal business hours (minimum charge – 4 hours).....\$50.00 per hour
2. Reinspection fees (work not ready for inspection or called for corrections not made)\$50.00
3. Inspections for which no fee is specifically indicated (minimum charge – 2 hours).....\$50.00 per hour
4. Additional plan review required by changes, additions or revisions to or revisions to the approved plans (minimum charge – one half hour).....\$50.00 per hour

Questions regarding details should be directed to the Road & Bridge Grading and Excavating inspector's office at (970) 870-5344.

Storm Water Management Plan

Project Name: STAGECOACH STATE PARK - Southeast Shore Parking Lot

SITE DESCRIPTION			
Project Name and Location: (PARCEL # , Section, Township, & Range; and Address)	Southeast Shore Parking Lot	OWNER Name, Address, and Phone #:	Upper Yampa Water Conservancy District PO Box 775529 Steamboat Springs, CO 80477 (970) 871-1035
Description: (Purpose and Types of Soil Disturbing Activities)	Build an 8 car gravel parking lot with access drive.	CONTACT Name, Address, & Phone #:	Andy Rossi UYWCD District Engineer PO Box 775529 Steamboat Springs, CO 80477 (970) 871-1035
# Cubic Yards of soil cut/fill and/or amount of surface area moved.	2150 cubic yards of cut, 2150 cubic yards of fill, and 0.86 acres of surface disturbance.		
Site Area:	The site is approximately .1 acres of which .1 acres will be disturbed by construction activities.		
Sequence of Major Activities			
The order of activities will be as follows:	5		
1 Site layout	6		
2 Install erosion control logs/silt fence.	7		
3 Begin Excavation.	8		
4 Revegetate with natural grasses, shrubs.	9		
Name of Receiving Waters:	Stagecoach Reservoir		
CONTROLS			
Erosion and Sediment Practices			
Stabilization Practices			
Temporary Stabilization -	Erosion control logs/silt fencing will be placed in appropriate areas to prevent run-off. Breaks in appropriate areas to prevent silt infiltration.		
Permanent Stabilization -	Topsoil will be implemented where needed. Revegetation will be implemented where needed.		
Weed Control -	Will comply with Routt County Weed standards and will control weed growth.		
Structural Practices			
Erosion control logs/silt fence will be installed at the western limits of the project and at the toe of the fill slope.			
Storm Water Management			
Storm water drainage will be the natural slope. A proposed 18" culvert will route water to the natural slope and will have a riprap outlet basin.			
Maintenance:	Erosion control logs/silt fence will act as a catch for runoff. Topsoil stockpiles will have a ditch for runoff to catch.		

Storm Water Management Plan

OTHER CONTROLS	
Waste Disposal:	Topsoil will be used for reclamation and will be spread around the site.
Waste Materials	Porta-potty will be onsite as well as a trash receptical.
Hazardous Waste	If hazardous materials are used, material safety data sheets will be onsite and materials will be disposed of by local and manufacturer regulations.
Sanitary Waste	A porta-potty will be onsd and maintained at least once per week.
TIMING OF CONTROLS/MEASURES	
All erosion control materials will be installed properly before any ground breaking work begins.	
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS	
This plan was prepared in accordance with the Routt County Erosion and Sediment Control Handbook.	
MAINTENANCE/INSPECTION PROCEDURES	
Erosion and Sediment Control Inspection and Maintenance Practices	
1	All control measures will be inspected daily.
2	All control measures will be maintained.
3	All sediment will be removed from erosion control logs and check dams as needed.
4	A maintenance report will be made after each inspection.
5	Owner will select proper representative for maintenance and repair activities. Representative will be trained in all practices necessary for keeping erosion and sediment controls used on site in good working order.
6	If changes are made ot the SWMP, they will be marked on the plans as well as the inspection report.

Storm Water Management Plan

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- Heavy Equipment
- Fuel
- Fertilizer
-
-
-

Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

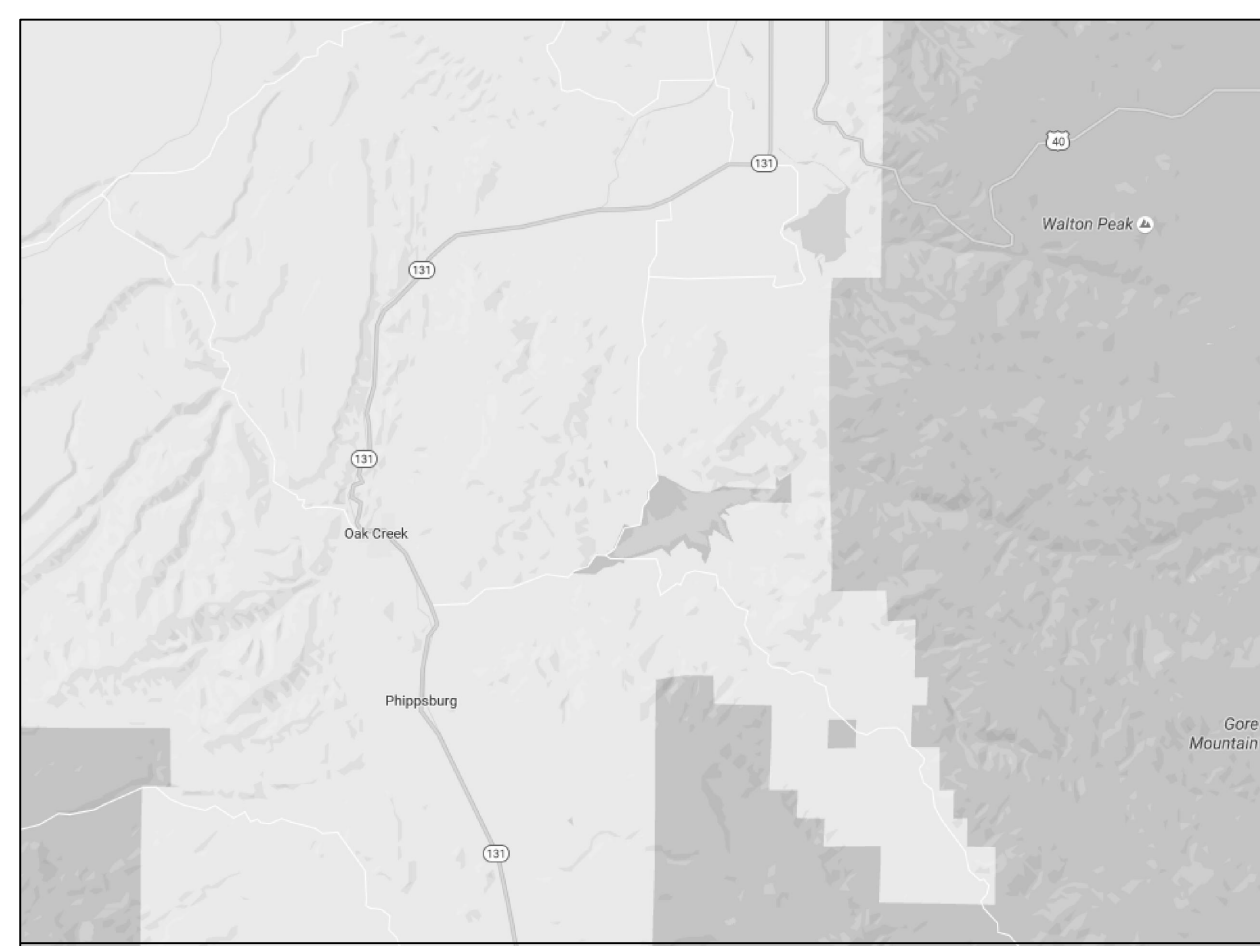
- Materials and equipment necessary for spill cleanup will be kept in designated areas.
- All spills will be cleaned up immediately upon discovery.
- Spills of toxic and hazardous materials will be reported to the appropriate state or local government agency regardless of size.
- CPW working in conjunction with UYWCD will be responsible for the day to day site development.

STORM WATER MANAGEMENT PLAN CERTIFICATION

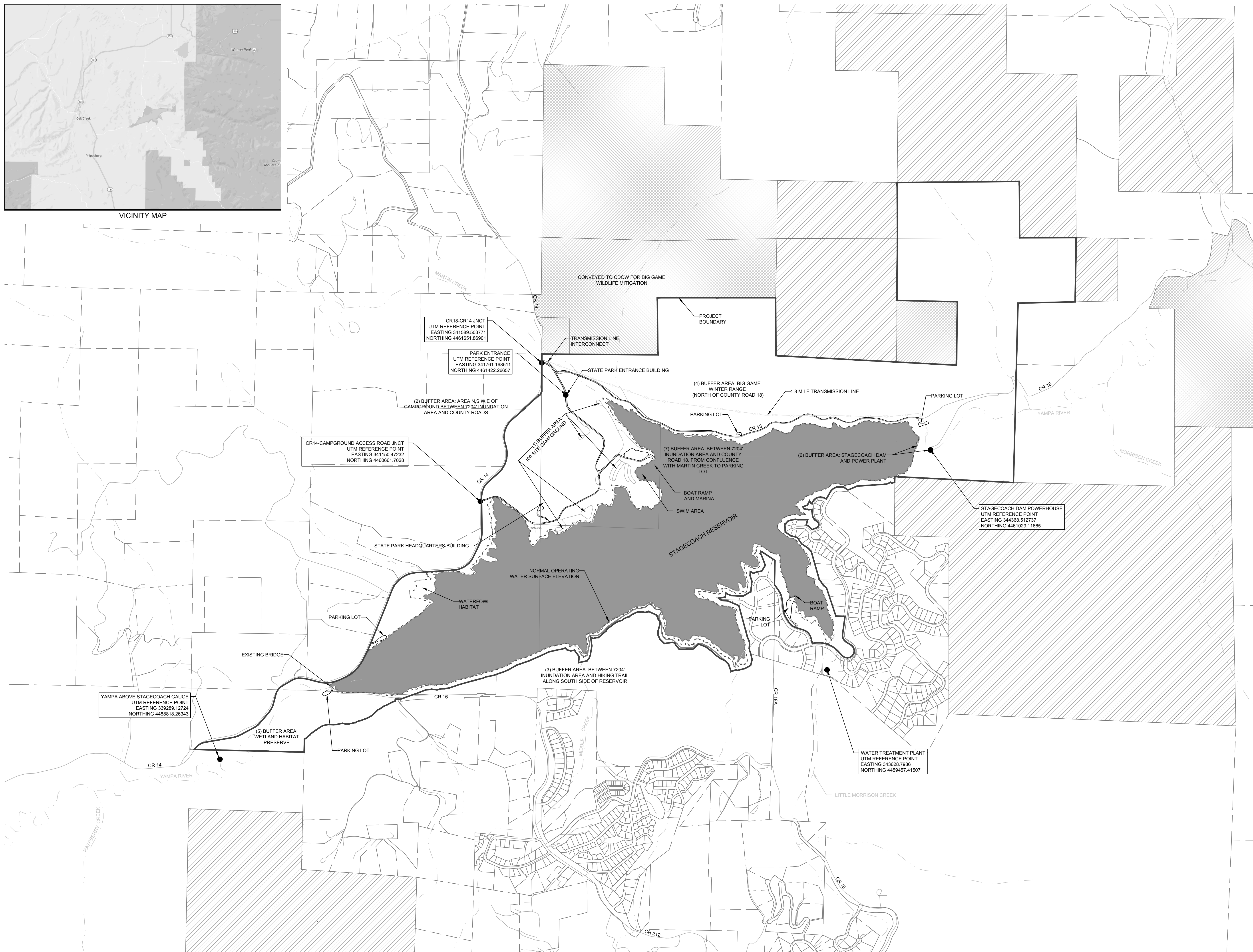
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or of those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed: _____

Date: _____



VICINITY MAP



- NOTES:
1. PROJECT BOUNDARY PER SURVEY BY D&D INC., STEAMBOAT SPRINGS, COLORADO.
 2. OFFSITE PROPERTY LINES REFERENCED FROM ROUTT COUNTY GIS.
 3. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM (NAVD) 1929
 4. PROJECTION: COLORADO NAD 1983 STATE PLANE (FEET)
 5. LAND RIGHTS: THE PROPERTY WITHIN THE ENTIRE PROJECT BOUNDARY IS OWNED IN FEE BY THE UPPER YAMPA WATER CONSERVANCY DISTRICT (LICENSEE).
 6. UTM ZONE: 13 T

SURVEYORS STATEMENT:

I HEREBY STATE THAT THE FERC P-9202 PROJECT BOUNDARY DELINEATION FOR THE PROJECT AS SHOWN ON THIS EXHIBIT "G" IS DEVELOPED WITHIN REASONABLE ACCURACIES AS REQUIRED IN 18 CFR 4.41 TO THE GEOGRAPHIC LOCATION BASED ON A GRAPHICAL POSITIONING IN REFERENCE TO USGS QUADRANGLE MAPPING WITHIN +/- 40 FEET. THE FERC P-9202 DOCUMENTED PROJECT BOUNDARY WAS ADJUSTED AND OR ROTATED TO BEST FIT THE USGS QUADRANGLE MAP FEATURES GRAPHICALLY AND WAS NOT FIELD SURVEYED.

By: *R.D. Moran*
 Registered Professional Engineer
 No. 13221
 State of Colorado
 11/14/16
 CIVIL ENGINEER

- LEGEND
- ROAD
 - CREEK/RIVER
 - PRIVATE PARCEL
 - STATE OWNED PARCEL
 - FEDERALLY OWNED PARCEL (BLM)
 - PROJECT BOUNDARY (see note 5)
 - NORMAL OPERATING WATER SURFACE ELEVATION
 - APPROXIMATE 7208' INUNDATION AREA (100-YR WSEL)
 - OVERHEAD TRANSMISSION LINE

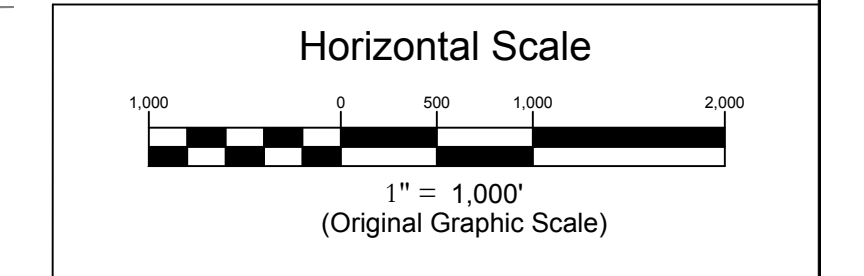


Exhibit G - Project Boundary
 Upper Yampa Water Conservancy District - Stagecoach Hydroelectric
 FERC Project No. 9202

RULE AND REGULATION OF THE UPPER YAMPA WATER CONSERVANCY
DISTRICT REGARDING UTILIZATION OF PROPERTY OF THE DISTRICT
BY THIRD PARTIES AT STAGECOACH RESERVOIR, INCLUDING
REQUESTS FOR LEASES, EASEMENTS, LICENSES OR OTHER INTERESTS
IN SUCH PROPERTY OR THE CONVEYANCE OF ANY PART OF SUCH PROPERTY

Introduction and Purpose

From time to time, the District receives requests from third parties for utilization of property owned by the District at Stagecoach Reservoir, including requests for the lease or for conveyance of easements or licenses or other interests in such property or for outright conveyance of portions of such property to third parties. The purpose of this rule and regulation is to establish standardized procedures under which such requests will be processed by the District.

Authority

The District has authority pursuant to Water Conservancy Act, Title 37, Article 45, Colorado Revised Statutes to adopt rules and regulations governing the land and facilities that are owned by the District.

FERC License, Routt County PUD and other governmental permits and approvals.

The property of the District at Stagecoach Reservoir is subject to FERC Project No. 9202 and Routt County PUD approval dated August 6, 1987, as amended and other governmental permits and approvals connected with Stagecoach Reservoir. The Routt County PUD, the FERC License and other governmental permits and approvals held by the District in connection with Stagecoach Reservoir may limit or impose conditions on the authority of the District to consent to the use or conveyance of its property or to grant leases, easements, licenses or other interests in its property. The documents associated with the Routt County PUD, the FERC License and other governmental permits and approvals held by the District in connection with Stagecoach Reservoir are available for review on the District's website or at the offices of the District. It shall be the responsibility of any person desiring to enter into a transaction with the District to which this rule and regulation applies to familiarize itself with the FERC License, the Routt County PUD and other governmental permits and approvals held by the District in connection with Stagecoach Reservoir before making any request to the District subject to the provisions of this rule and regulation.

Applicability

This rule and regulation shall apply to any request made to the District for any of the following actions:

- 1) Any request to the District to occupy or use any property of the District, which requires the District to give notice to Routt County or FERC regarding the request, or which requires Routt County or FERC to approve or consent to the proposed request.

- 2) Any proposal involving the grant of an easement, license, lease or other interest in the property of the District.
- 3) Any request involving the conveyance of fee title in any portion of the property of the District.
- 4) Any request involving amendment or modification of the Routt County PUD or the FERC License, including any modification of the FERC project boundary.
- 5) Any request to utilize the water surface of Stagecoach Reservoir pursuant any easement,, license or lease granted by the District.
- 6) Any request, which in the discretion of the Manager of the District, should be processed under this rule and regulation.

This rule and regulation shall not apply to:

- 1) Any request, which in the discretion of the Manager of the District, should be exempted from this rule and regulation.
- 2) Any request for a water allotment contract or to purchase or lease water or water rights from the District.

Application and Submittal Materials

Any request made pursuant to these rules and regulations shall be submitted in a written application to the Manager of the District and shall contain such plans, studies, reports and other information as the Manager of the District may request, including by way of illustration, but not limitation, a detailed description of complete plans and specifications of any proposed activity or improvements to be constructed on the property of the District, drafts of easements, licenses, leases or other instruments which the applicant desires the District to approve, a legal description of the property for which the request is made and a detailed description of the necessary consents, approvals or notices to FERC and/or Routt County or other governmental agency that must be obtained to proceed with such request. The Manager may also require the applicant to obtain such third party approvals or consents before deeming the application complete and presenting it to the Board. The Manager may also request that the applicant deposit with the District funds in an amount that the District believes will be necessary to process the application, including the legal, planning and other consulting fees incurred by the District in processing such application. At any time the Manager may require that such funds be replenished as they are drawing down during the application process.

Application Review

The Manager shall review the application and may request the applicant provide additional information or to make changes. When the Manager believes the application is complete, the application will be submitted to the Board of the District for review and decision.

Board Decision

The Board of the District is under no obligation to approve any application or to grant any lease, easement, license or other interest in property of the District. The Board may approve, reject, table or condition any application as the Board deems appropriate at its discretion.

Supplemental Rules and Regulations

From time to time, the Board of the District may adopt a supplemental rule or regulation describing the substantive and procedural requirements to be followed in connection with any specific application for utilization of the property of the District at Stagecoach Reservoir.

APPROVED AND ADOPTED by the Board of Directors of the Upper Yampa Water Conservancy District effective July 23, 2014.

UPPER YAMPA WATER CONSERVANCY DISTRICT

By:  _____
Chairman, Board of Directors

ATTEST:



General Manager

9)





BOARD COMMUNICATION FORM

From: Andy Rossi

Date: 09/09/19

Item: Reservoir Water Status

<input type="checkbox"/>	DIRECTION
<input checked="" type="checkbox"/>	INFORMATION
<input type="checkbox"/>	MOTION
<input type="checkbox"/>	RESOLUTION

I. Summary and Background Information:

Water storage data for Yamcolo Reservoir and Stagecoach Reservoir are included for reference materials for a summary discussion of the 2019 water year to date.

II. Alternatives:

NA

III. Staff Recommendation:

NA

IV. Legal Issues:

NA

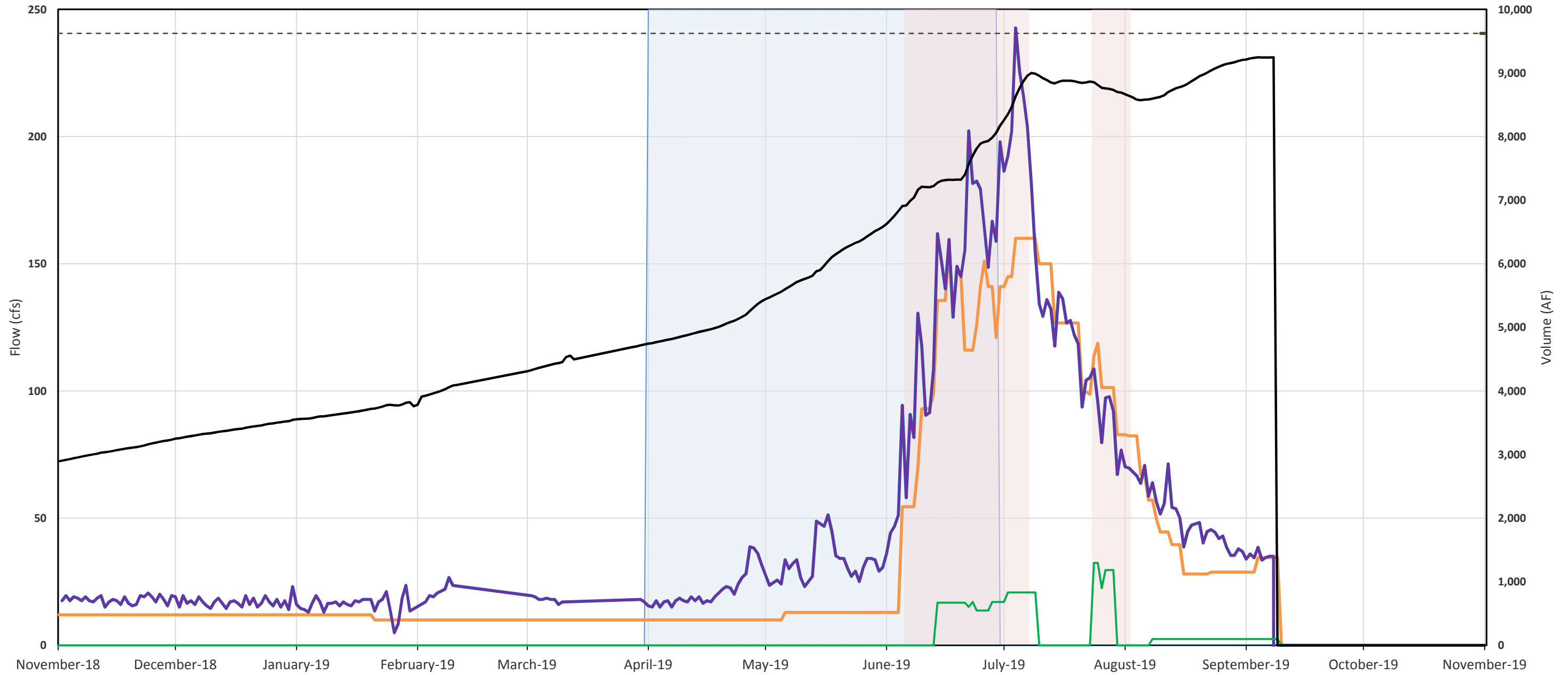
V. Consistency with Board Goals and Policies:

NA

Attachments:

Yamcolo Water Storage Data
Stagecoach Water Storage Data

Yamcolo Reservoir: WY 2019 (Provisional Data)



- High Flow Release Target Period
- Total Yamcolo Release (cfs/dy)
- Total Mean Daily Inflow (cfs/dy)
- Reservoir Storage (Mean Daily, AF)
- Call Record
- Mean Daily Inflow w/o Upstream Reservoir Release (cfs/dy)
- Total Yamcolo Storage Release (cfs/dy)
- Full Reservoir Capacity = 9621 (AF)

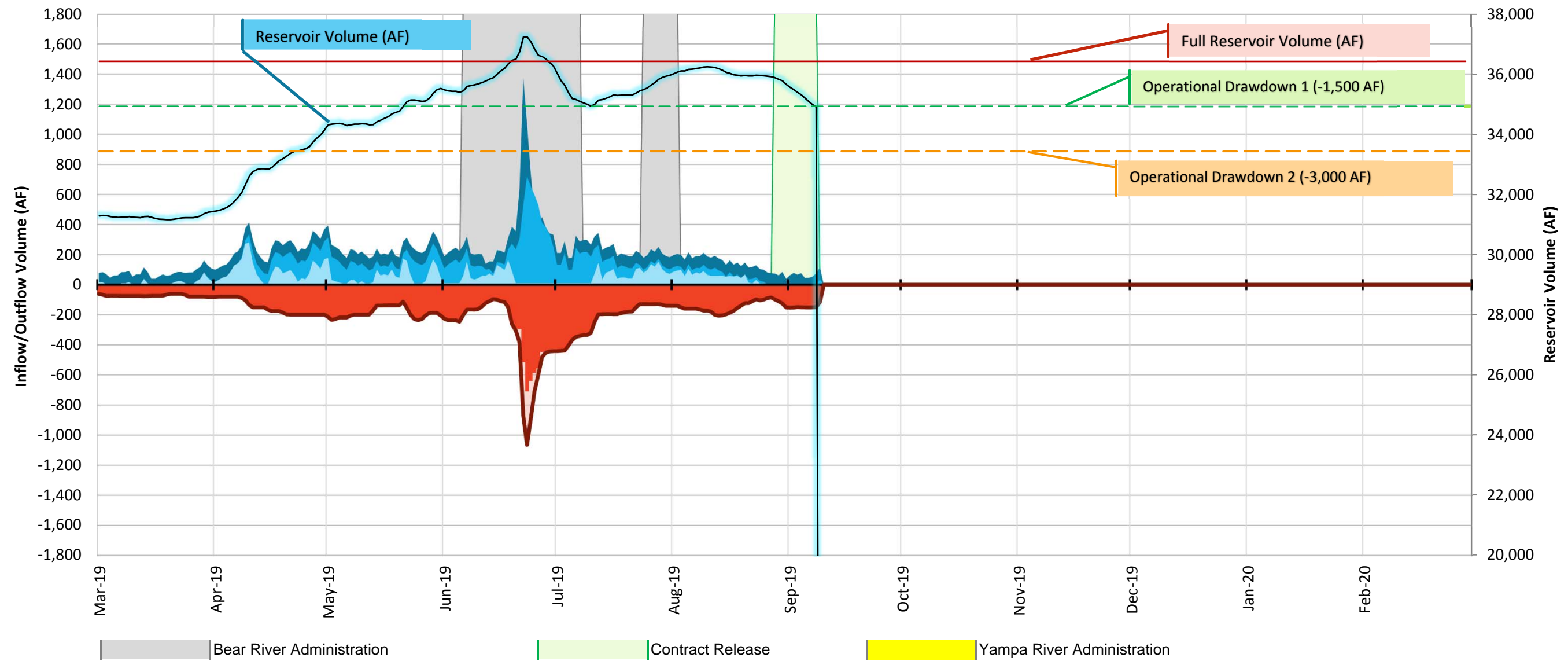
Stagecoach Reservoir Operations

Total Monthly Volume (AF)

Accounting Year 2019
9/8/2019

INFLOW	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Total
Physical	2,475	7,391	7,401	10,886	7,283	4,485	621						40,542
Storable	413	5,011	4,942	7,800	4,823	2,090	36						25,116
Stored	405	2,869	1,764	1,354	1,904	1,468	0						9,763

OUTFLOW	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Total
Operator	-2,258	-4,544	-5,795	-9,820	-7,268	-4,532	-1,319						-35,537
Spill	0	0	0	-1,273	0	0	0						-1,273
Gage	-2,254	-4,544	-5,795	-9,892	-7,268	-4,532	-1,319						-35,604





a)



BOARD COMMUNICATION FORM

From: Scott Grosscup, legal counsel

Date: September 11, 2019

Item: Water Resume Review

DIRECTION
 INFORMATION
 MOTION
 RESOLUTION

I. Request/Issue and Background Information: I reviewed the Water Resumes for Water Division 6 for water court filings in the month of August and did not identify any water applications that would impair or injure the District's water rights. The resume for Division 5 is not available at this time and I will update the Board at its next meeting.

b)



BOARD COMMUNICATION FORM

From: Scott Grosscup, legal counsel

Date: September 11, 2019

Item: Water Court Cases Update

DIRECTION
 INFORMATION
 MOTION
 RESOLUTION

Following is an update of the status of water court cases in which the Upper Yampa Water Conservancy District is an Applicant or Opposer and matters pending before the Utah Division of Water Resources.

Case No. 17CW3043 – This is the application by the City of Steamboat Springs for an augmentation plan for Casey’s Pond. The District has entered a stipulation consenting to the form of ruling consistent with the version the board approved at its February meeting. The ruling uses the District’s water rights from Stagecoach reservoir in its augmentation plan for Casey’s Pond. The Applicant is addressing issues with the CWCB concerning whether the CWCB’s instream flow right extends through Casey’s Pond. We will continue to monitor the case to ensure that no concerns are raised in the use of the District’s water rights.

Case No. 18CW3020 – This is the application by the Mt. Werner Water & Sanitation District for new junior water rights at the Yampa Meadows Infiltration Gallery and plan for augmentation using water from Stagecoach and Yamcolo Reservoirs pursuant to two contracts with the UYWCD. The Division Engineer has raised an issue whether the District’s water rights decreed to the Pleasant Valley Reservoir and stored in Yamcolo Reservoir may be used for augmentation purposes. We are working through these issues with the applicant’s counsel along with potential solutions.

Case No. 19CW3005 – This is an application for finding of reasonable diligence filed by Tri-State Generation and Transmission Association related to conditional water rights it owns in the Four Counties Ditch No. 3, Headgate 8 and in the Wessels Canal. No other statements of opposition were filed. Next step is to await the Division Engineer’s Consultation Report.

Water Horse Resources – Utah counsel (Graham Gilbert of Snell & Wilmer) submitted a letter reply to Water Horse’s submittal of supplemental information on March 15, 2019. Counsel informs us that the Utah Division of Water Rights tries to issue its findings within six months of the hearing. A decision is expected this fall or winter but may be sooner or later as the Division sees fit.

c)



BOARD COMMUNICATION FORM

September 18, 2019 Board Meeting

From: Robert G. Weiss, Legal Counsel

Date: September 11, 2019

Item: Yamcolo/Stagecoach contracting update

DIRECTION
 INFORMATION
 MOTION
 RESOLUTION

I. Request/Issue and Background Information: This District Negotiating Committee is engaged in contracting discussions with a number of parties for Stagecoach and Yamcolo contracts.

A. Yamcolo Irrigators Association (YIA). YIA has accepted the District's offer of \$12 /AF for 2019 water. The District sent proposed contract amendment to YIA on May 12, 2019 based on Board direction and after review of the draft by the Negotiating Committee. This draft makes a number of changes to the YIA agreement, including the pricing provisions which would fix until 2041 the price of YIA water starting in 2020 at \$13/AF and increasing annually by CPI subject to certain limitations. YIA responded on May 30, 2019 expressing concern over some of the Amendment provisions. We have asked YIA to blackline our draft. We received blackline on July 23, 2019 and negotiating committee met with YIA representatives on August 29. Some of the issues discussed were beginning price of \$13AF and the CPI escalator, which YIA wished to revisit, the necessity of including within the agreement provisions relating to the Stillwater ditch, including the allocation of capacity within the ditch and limits on export of water to Colorado drainage of YIA water, the proposed change from 24 hours to 48 hours' notice for releases, the maximum Yamcolo outlet release limit and abatement rules if excess releases requested, the snapback provision for pricing after 2041(YIA has requested that the District agree to amendments to O,M&A definition which would be effective in 2041 if no new fixed pricing agreed to) and changes to the arbitration provisions. After the August 29 meeting with YIA, Director Sharp proposed certain changes in response to the concerns of YIA and we plan to discuss these revisions with the negotiating committee on Monday, September 16, 2019.

B. Stillwater Ditch. The District received draft contract from the former shareholders to re-acquire the Ditch Company and the Negotiating Committee met with the shareholder representatives on June 18. Bob Weiss prepared redraft after the meeting and Negotiating Committee met to discuss on July 10. The District sent an updated draft to the former

shareholders and their counsel on August 14. The former shareholders have raised questions and expressed concerns including the following:

- 1) They want to better understand the allocation of capacity and reasons for restrictions on use of the Ditch.
- 2) They asked about the status of Gardner Park reservoir.
- 3) They asked about the cancellation of the Flattops amendment.
- 4) They question whether the Agreement should be perpetual. In their draft, they propose a term ending 2041.
- 5) They have questioned the provision we added prohibiting the Company from contesting in water court the District's Yamcolo export decree.
- 6) They asked about the limitation of the USFS SUP to irrigation and Ag use when the draft agreement contemplates potential delivery of up to 500 acre feet of non-Ag water through the Ditch.

We have scheduled a meeting of the negotiating committee with the former Shareholder representatives to discuss these concerns on Monday, September 16, 2019 at 11AM.

For your information we attach a chart showing the proposed allocation of the capacity of the Ditch.

C. Tri-State Agreement. Tri-State terminated its Stagecoach contract effective July 15, 2020. We have sent the attached proposal to Tri-State on August 19, 2019. Tri-State acknowledged receipt but no further response has been received.

D. Yamcolo Individual Irrigators (3500 AF Yamcolo water). We will complete a form of contract for the Individual irrigators for a term beginning 2020 irrigation season when we have agreement with the Stillwater ditch shareholders. We have met with the individual irrigator representatives and have an outline of a proposed agreement.

E. Other Stagecoach Municipal contracts. Several Stagecoach municipal contracting parties have entered in two year extensions of their original fixed pricing which will continue through the 2021. The City of Steamboat has not signed an extension but the District has told the City it will bill the City under current fixed price of \$35/AF through 2021. Under the Stagecoach municipal contract language, in the absence of an agreement to fix pricing, pricing will be based on annual Stagecoach O&M after current extensions expire.

II. Summary and Alternatives: See above

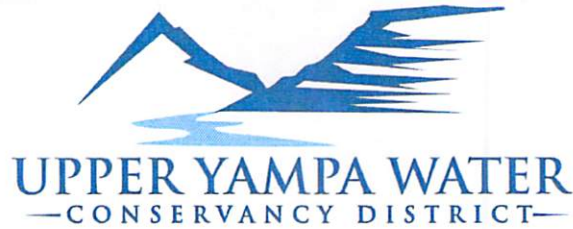
III. Staff Recommendation: Negotiating Committee Continue with discussions and preparation of proposed contracts.

IV. Legal Issues: As described above.

V. Consistency with Board Goals and Policies: N/A

VI. Fiscal Impact: N/A

Attachments: Stillwater Dich allocation
Tri-State letter.



August 19, 2019

Michael Sorensen, P.E.
Senior Manager, Fuels and Water Resources
Tri-State Generation & Transmission Association
P.O. Box 33659
Denver, CO 80233-0659

Via mgsorensen@tristategt.org

Re: Stagecoach Water Agreement

Dear Mike:

At its meeting on July 24, 2019, the Board of Directors of the Upper Yampa Water Conservancy District (the "District") discussed the general terms under which the District would be willing to offer an allotment contract for storage of water in Stagecoach Reservoir to Tri-State taking into account Tri-State's need for water as explained to the District's negotiating committee at our meeting in Steamboat Springs on Monday, June 19, 2019.

The District proposes the following:

1. The contract would be for 1,500 acre feet of Stagecoach storage water annually.
2. The contract would commence on July 15, 2020 and terminate on July 15, 2041, subject to the right of Tri-State to elect to terminate the contract earlier than 2041 upon written notice to the District if Unit 3 at the Craig Station is permanently decommissioned and eliminated as a generator of electric power, such termination to be effective at the end of February next following such written election.
3. The purchase price for the first year of the term would be \$123.00 per acre foot, adjusted annually in 2021 and each year thereafter by the annual increases in the Denver/Aurora/Lakewood CPI.
4. The water allocated to Tri-State would be stored in the municipal/industrial pool, which is the first and senior priority of the Stagecoach pools.
5. The water allocated to Tri-State from Stagecoach would be used pursuant to a decreed water augmentation plan, decreed exchange or substitute supply plan approved by the Division Engineer for the benefit of Craig Station or such water may be beneficially bypassed at the Yampa River diversion intake facility for the Craig Station pursuant to

Mailing Address
P.O. Box 775529
Steamboat Springs, CO 80477-5529

Location
Fish Creek Filtration Plant
3310 Clear Water Trail

Telephone
(970) 871-1035
Fax (888) 519-3464



the requirements of the March 13, 1980 biological opinion of the U.S. Fish & Wildlife Service for Craig Station Unit 3 Power Plant.

6. Tri-State would be entitled to a single use of the water contracted if used for bypass or augmentation or substitute supply, without right to reuse or successive use of the water, but if diverted and used at the Craig Station Plant could be reused and successively used at such plant to extinction.
7. The contracted water may be used only during the then current water year, and no unreleased contracted water would be booked over to a succeeding year. There would be no carry-over storage.
8. No sale, subletting, assignment or other disposition of Tri-State's rights under the contract or of the contracted water would be permitted without the written consent of the District.
9. The other contract provisions would be consistent with the District's Stagecoach contract template, such as used in its current recent contract with Steamboat Ski & Resort Corporation which you have reviewed.

You are advised that the District has recently entered into two contracts on the District's standard Stagecoach contract form with very similar terms to those described above, one with Steamboat Ski & Resort Corporation and the other with American Land Holdings of Colorado, LLC, a company affiliated with Peabody Energy. The District negotiating committee would be very interested in hearing Tri-State's thoughts on these proposed terms. If Tri-State believes understanding of new contract terms generally along the lines set forth above would benefit from further discussions, the District negotiating committee would be happy to meet with you and other Tri-State representatives in Steamboat Springs or at such other location as would be convenient for both parties to continue our discussions.

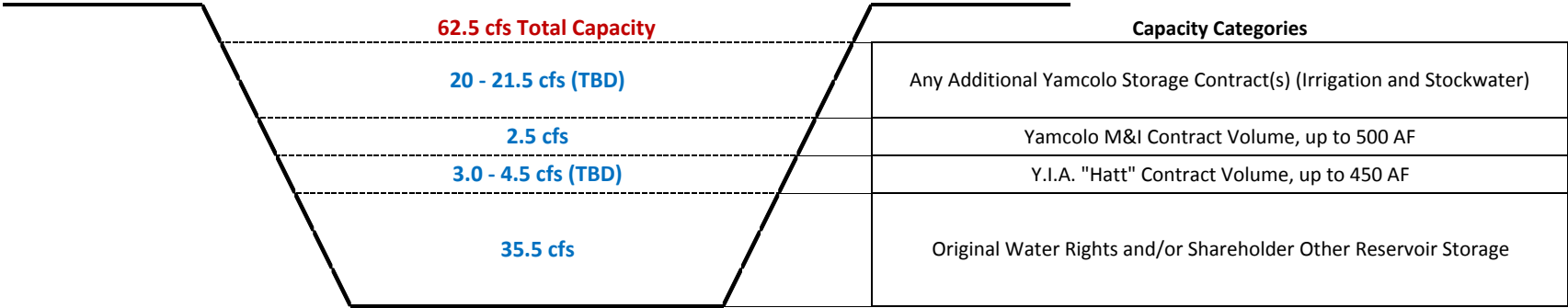
Sincerely,

Ken Brenner, President

Kevin McBride, P.E.
General Manager

Upper Yampa Water Conservancy District
P.O. Box 775529
Steamboat Springs, CO 80477

**Stillwater Ditch
Proposed Ditch Capacity Allocation**



DRAFT





A WIN FOR COLORADO'S WATER

PROPOSITION DD FAQs

What is Proposition DD?

Proposition DD implements a 10% tax on newly-authorized casino sports betting to fund a systematic and bipartisan effort to preserve Colorado's water future. A small portion of the revenue from the tax will be used to regulate and enforce gaming, and the vast majority of the proceeds — 93% in all — will be used to fund the "Colorado Water Plan".

Who pays the new tax and how much will it be?

Under Proposition DD, only casinos or the vendors who operate a casino's sports betting would pay the 10% tax. The casino tax would generate an estimated \$29 million annually, according to state projections.

DD funds the Colorado Water Plan. What's that?

The Colorado Water Plan is a comprehensive strategy adopted by a wide-ranging group of water leaders to address Colorado's future water needs. Backed by rural and urban water providers, farmers, ranchers, environmentalists, and respected leaders on both sides of the aisle, the plan is a broad-based effort to provide clean and safe drinking water to the people of the state, in a way that protects the state's agricultural and recreational industries, and assures river and stream health. The plan was released in 2015 after the largest civic engagement process in Colorado history. It is described by its authors as "a road map to lead to a productive economy, vibrant and sustainable cities, productive agriculture, a strong environment, and a robust recreation industry. It sets forth the measurable objectives, goals, and actions by which Colorado will address its projected future water needs and measure its progress." The plan was shaped by over 30,000 comments from across the state, and input from over 150 diverse entities. Learn more: <https://www.colorado.gov/pacific/cowaterplan/plan>

Why is the Colorado Water Plan a priority now?

Three major factors are driving the need for swift action on water in Colorado:

1. Colorado's population is expected to double by 2050, and at current usage rates Colorado's water supply will not keep up with Colorado's population into the future. We must take action now — to conserve and protect our water resources to ensure that there is enough water for everyone.
2. With California, Nevada and Arizona growing rapidly, the pressure is on to accelerate efforts that protect Colorado's legal share of water under river compacts and water agreements between Colorado and other Western states.
3. In meeting population-driven demands for access to clean and safe drinking water, decisive steps must be taken to protect access to water for Colorado's farmers, ranchers, recreational water uses, and river and stream viability. Without a comprehensive strategy, farmers, fisherman and rafters will, in time, lose more and more of their water to the state's population centers.

Has something like Proposition DD been done before?

Proposition DD is modeled after the Colorado Lottery, which funds Colorado's parks and open space through Great Outdoors Colorado. Colorado has a long history of passing narrowly-tailored taxes on specific industries or activities to fund critical state needs. In this case, the new levy is a \$29M tax on casino sports betting, and the critical state need is funding for the Colorado Water Plan.

Continued on next page...



PROPOSITION DD FAQs, *cont.*

Why are we talking about legalizing sports betting now?

Decades ago, a bill was rushed through the US Congress giving Las Vegas an effective monopoly on sports betting. It succeeded in doing only two things: making Las Vegas casino owners rich and creating a massive unregulated black market on sports betting that's been estimated at more than \$100 billion annually.

Last year, the Supreme Court ruled the Las Vegas monopoly was unconstitutional and states could decide if they want to offer legal sports betting. In the wake of that decision, 15 states have taken advantage of the new rules, creating a regulated sports betting market in their state, while cracking down on unregulated black-market sports betting.

Earlier this year, on an overwhelming bipartisan vote, the Colorado State Legislature voted to do the same, asking the voters to approve and tax a tightly-regulated sports betting market through Colorado's mountain casinos. Only the mountain casinos would be eligible for a license to allow sports betting.

How would sports betting work if Proposition DD passes?

In-person and online bets would be allowed. They must be placed in Colorado and would be limited to those age 21 and older. Beginning in May 2020, sports betting would be allowed — if approved by local voters — both in-person at casinos in Black Hawk, Central City, and Cripple Creek and through their operators.

What types of sports betting will be allowed under Proposition DD?

Sports bets will be allowed on professional, collegiate, international, and Olympic sporting events, as well as sanctioned motor sport events. Proposition DD limits betting on college sports by prohibiting bets on individual performance or events during the game. Betting will not be allowed on high school sporting events or unsanctioned video game competitions.

How will casinos be taxed?

The federal government charges a 0.25 percent excise tax on the total amount wagered on sports. Proposition DD will establish a tax of 10 percent on the net sports betting proceeds (the amount kept after payouts to winners and the .25% federal excise tax) of casinos or their sports-betting operators. In other words, the tax functions as a 10% tax on a casino's sports betting profits.

What other types of gambling are legal in Colorado?

Almost 30 years ago, Colorado voters legalized limited stakes (\$100 or less) gambling in casinos located in Black Hawk, Central City, and Cripple Creek. Colorado also permits gambling on horse racing, simulcast horse and dog races, the state lottery, and bingos and raffles sponsored by nonprofit organizations.

