

CARSON WATER SUBCONSERVANCY DISTRICT FINANCE COMMITTEE

NOTICE OF PUBLIC MEETING

DATE: May 5, 2021
TIME: 10am
LOCATION: Via Zoom Video Conference

AGENDA

NOTICE TO PUBLIC: *The State of Nevada and Carson City are currently in a declared State of Emergency in response to the global pandemic caused by the coronavirus (COVID-19) infectious disease outbreak.*

In accordance with the Governor's Declaration of Emergency Directive 006, which has suspended the provisions of NRS 241.020 requiring the designation of a physical location for meetings of public bodies where members of the public are permitted to attend and participate, public meetings of Carson Water Subconservancy District will NOT have a physical location open to the public until such time this Directive is removed.

Members of the public who wish to participate during a public meeting may do so by providing public comment during the two designated public comment periods, indicated on the agenda, via telephone.

You may attend the virtual meeting by clicking this [Zoom Link](#). If you prefer to phone in, call (669)900 9128. Meeting ID: 861 2830 4460; Passcode: 536538. You may also provide public comment in advance of a meeting by written submission to the following email address: catrina@cwsd.org. For inclusion or reference in the minutes of a meeting, your public comment must include your full name and be submitted via e-mail by not later than 3pm the day before the date of the meeting.

1. Call to Order the CWSD Finance Committee
2. Roll Call
3. For Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.
4. For Possible Action: Approval of the Finance Committee Meeting Minutes of March 1, 2020
5. For Possible Action: Review funding additional projects for FY 2021-22
6. For Possible Action: Approval of the General Fund, Acquisition/Construction Fund, and Floodplain Management Fund FY 2021-22 *DRAFT* Final Budgets
7. For Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.
8. For Possible Action: Adjournment

Supporting material for this meeting may be requested from Catrina Schambra at 775-887-7450, catrina@cwsd.org and on the CWSD website at www.cwsd.org.

In response to COVID-19 Emergency Directive:

Posting in public buildings in accordance with NRS 241.020 has been waived by COVID-19 Emergency Directive #6 of Governor Sisolak. Therefore, this notice and agenda of video conference meeting has been posted on or before 9am on April 27, 2021 on the following websites for the May 5, 2021 regular meeting of the Carson Water Subconservancy District Finance Committee, in accordance with NRS 241.020:

Carson Water Subconservancy District Website:

<http://www.cwsd.org>

State of Nevada Public Meetings Website:

<http://notice.nv.gov>

CARSON WATER SUBCONSERVANCY DISTRICT FINANCE COMMITTEE

DRAFT Meeting Minutes
March 1, 2021, 8:30am – 1pm

DRAFT

Committee Members Present:

David Griffith, Alpine County (Virtual)
Jack Jacobs, Douglas County
Ernie Schank, Churchill County (Virtual)
Lisa Schuette, Carson City (Virtual)
Mike Workman, Lyon County

Staff Present:

Edwin James, General Manager
Catrina Schambra, Secretary to the Board

Others Present:

Jim Barbee, Churchill County
Greg Berggen, Carson City
Peter Doenges, Muscle Powered
Kevin Dose, Great Basin Institute
Walt Gentry, Al Cty Fish & Game
Marsha Gipson, USGS
Juan Guzman, Muscle Powered
Mike Hayes, CVCD
Sean Hill, SNJ
Rob Holley, DVCD
Brenda Hunt, Watershed Program Manager
Donna Inversin, Muscle Powered

Rusty Jardine, TCID
Patrick King, CWSD Attorney
Chris Mahannah, Churchill County
Kimra McAfee, Alpine Watershed Group
Erik Nilssen, Gardnerville
Darcy Phillips, River Wranglers
Megan Poff, USGS
Barbara Smallwood, Public
Katie Smith, Watershed Technician/AmeriCorps
Christy Sullivan, LCD
Rich Wilkinson, CVCD

The meeting was called to order at 8:30 a.m. by Committee Member Schank. The meeting was held via Zoom and with in-person attendees at the Conference Room of the Carson Water Subconservancy District, 777 E. William St., #110A, Carson City, Nevada. Roll call was taken and a quorum of the Finance Committee members were present. All presenters participated remotely.

Item #2 - Public comment: None

Item #3 - For Possible Action: Approval of the Finance Committee Meeting Minutes of February 21, 2020

Director Workman made a motion to approve the minutes of the Finance Committee meeting of February 21, 2020. The motion was seconded by Committee Member Griffith and approved unanimously.

Item #4 - For Discussion Only: Review the Tentative General Fund FY 2021-22 Budget and hear presentations for proposed projects; review the Tentative Acquisition/Construction Fund FY 2021-22 Budget; and review the Tentative Floodplain Management Fund FY 2021-22 Budget

Mr. James explained the General Fund Budget spreadsheet and the committee process. The committee will reach consensus on budget recommendations to be brought to full Board for action at the March 17, 2021 meeting. The funds granted need to be for projects enhancing the watershed. For

clarification, FEMA & NDEP Grants have specific requirements and these funds cannot be diverted to other projects.

Mr. James presented the proposed budgets and announced we will need to cut \$200,000 from the grant funding requests for FY 21-22.

Mr. James started by explaining the income section. The proposed county taxes are based on a conservative 3.2% increase over last year, but the official numbers from the state will not be available until March 25. The increase might be higher, but we will base our proposed tentative budget at 3.2%.

Committee Member Schank asked about money contributed by Storey County should the legislation be passed that makes them an official member of CWSD. Mr. James said the money is not included in this budget yet (which is tentative) but that he would like to look at directing the approximately \$16,000 annually from Storey County to the Floodplain Management Fund. That can be discussed when the legislation is passed, and we will adjust our budgets accordingly.

He further explained grant income and interest income on the spreadsheet. On the expense side, he noted an increase in salary that is based on a 1.75% cost of living allowance and a merit increase, benefit cost increases due to health insurance changes with staff and increase in PERS contribution. Director Schank suggested that in the future the Administrative Committee look at our COLA calculation increases to make sure we are in line with the rest of the area. Director Workman suggests we look at Western States CPU and what other agencies are doing.

Mr. James reviewed the continuing, multi-year projects and grants, as well as all the grant expenses that are offset by the grant income. He also noted that it is required by law that there be a minimum 4% of expenses in our ending balance.

Presentations of Proposed Projects

Recreation Trails:

Great Basin Institute - Lower Ash Canyon Trail Maintenance Project (Proposal #2)

Kevin Dose, Deputy Director

The goal of this project is to improve water quality, safe recreational opportunities, and economic benefits to the Carson City region. Well maintained trails will result in improved water quality and lower turbidity in the surrounding watershed through reduced run-off and erosion, sustainable drainage patterns, and keeping users on the trail and out of sensitive habitat areas. Trails with clear sight lines provide a safer and more enjoyable recreational experience. Well maintained and enjoyable trails attract visitors and support local businesses and the economy. **Funding request: \$11,469.**

Muscle Powered - Historic Virginia and Truckee Trail (Proposal #1)

Donna Inversin & Juan Guzman

This project is a Due-Diligence Study regarding bridging the Carson River at the south end of Bigelow Road. Building on existing surveys, this would be the first stage of work to assess the feasibility building a twelve (12') foot paved or board path and bridge through the previously disturbed wetlands corridor over the Carson River that would connect the north and south sections of the Historic Virginia & Truckee Trail. This is the preferred route for logistical, user experience, and historical reasons. Completing this study will prepare us to pursue additional funding for further engineering studies and eventually implementation. The Historic Virginia and Truckee Trail's mission is to create a route consisting of a network of multi-use paths and bike lanes that follows, wherever possible, the alignment of the Virginia and Truckee Railroad which will connect the five (5) counties of Northern Nevada, Washoe, Carson, Douglas, Lyon and Storey for recreation, alternative transportation, to showcase the beautiful geography and nature of the high desert, rivers, canyons and mountains and for purposes of educating

residents and visitors on the history of our Native American populations, mining, ranching and farming.
Funding request: \$5,000.

Carson City – Empire Ranch to Riverview Park (Proposal #3)

Gregg Berggren, Trails Coordinator

The project seeks to make improvements to approximately 0.2 miles of non-motorized trail between the Empire Ranch Trail and Riverview Park. This segment of trail is an old, abandoned roadbed and the tread base is soft sand. The sand is very difficult to walk or ride a bicycle through, which creates two problems: 1) limitations on accessibility, especially for those with mobility issues, and 2) users go off-trail to seek a firmer surface and thereby create “use” trails which damage riparian vegetation and cause erosion. The proposed improvements will create a trail that is a minimum of 10’ wide with a surface of Type 2 Gravel Base compacted to a minimum of 4”. It will be crowned and shaped for drainage and will be compatible with trails that it connects from the north and south. This will complete a continuous five-mile trail along the Carson River from Morgan Mill to the Mexican Dam that will be highly accessible to a variety of non-motorized users, including families with small children and strollers, and those with mobility issues. **Funding request: \$10,000.**

Carson River Projects:

Carson Valley Conservation District – Bioengineering (Proposal #4)

Mike Hayes, Grant Manager/River Coordinator

The Carson Valley Conservation District will try to stabilize vertical cutbanks as needed throughout the Carson Valley. These cutbanks have migrated faster than usual because of the two flooding incidents that we experienced in 2017. The goal would be to use bio-engineering techniques to stabilize the soil, improve water quality and re-establish desirable vegetation. The district would like to continue our work on channel maintenance and woody debris removal throughout the Carson River. The district would like to partner with CWSD, CTWCD, NDWR and Douglas County to complete this river work by the summer of 2021. The project will help minimize erosion, improve water quality, re-establish desirable vegetation improve river function within the project reach. The project will help trap sediment and provide for natural recruitment of vegetation along the riverbank. The willow plantings will help hold the soil and provide a head start on the re-establishment of vegetation of the riverbank. The removal of large woody debris will allow for improved conveyance of river flows and reduce the negative impacts to infrastructure downstream. **Funding request: \$75,000.**

Carson Valley Conservation District – West Fork Bank Stabilization (Proposal #5)

Rich Wilkinson, Grant Manager/River Coordinator

The Carson Valley Conservation District will attempt to restore vertical cutbanks that are approximately $\frac{3}{4}$ of a mile long and 12 to 15 feet high. This unstable section of river has migrated into local agricultural fields causing impacts to local producers. The overall goal of this project would be to use a combination of traditional rip-rap and bio-engineering techniques to stabilize the soil, improve water quality and re-establish desirable vegetation for wildlife. The district considers this project a high priority since this area was severely impacted by recent flooding events in 2017. The district would like to partner with CWSD, CTWCD, NDOW, USFWS, Douglas County and NDEP to complete this river restoration project by the spring of 2022. **Funding request: \$100,000.**

Dayton Valley Conservation District – Existing Project Inspection, Survey and Prioritization, and Completion of Repairs (Proposal #6)

Rob Holley, District Manager

This project is designed to survey present condition of completed projects, establish a prioritized list of repairs based on various criteria, and begin repairs accordingly. Additionally, this project addresses the need for an updated and current project inventory (location, construction type/size, etc.) for submission to State Lands as part of an ongoing effort to inventory projects completed on State property, and to establish an efficient permitting process for maintenance of those projects. This is part of DVCD's plan to address severe and ongoing bank erosion, loss of mature cottonwood trees (into the river), and loss of private agricultural land. The project objectives are (1) Thoroughly inspect each project site (30+) and establish a prioritized list of project repairs (based on multiple factors including affected infrastructure, utilities present, riparian function, mercury sequestration, cottonwood gallery protection, etc.); (2) Establish project site list (including all completed projects regardless of repair needs) for State Land's use in establishing inventory and efficient multi-year permitting; and (3) Begin implementing repair efforts based on the aforementioned priorities. **Funding request: \$100,000**

Lahontan Conservation District – Lower Carson River Project (Proposal #7)

Christy Sullivan, District Manager

Project to prevent and minimize property loss and other damage during flood condition, and to maintain a clear channel to enable citizens to utilize the river for recreation and maintaining river flow velocity to prevent stagnant pools that pose health risks. Includes removal of dead vegetation and debris, beavers and beaver dams and clearing brush and sediment back to original riverbank starting at Diversion Dam and continuing downstream. Removing sediment build up above and below Sheckler Bridge, McLean Bridge, Highway 50 Bridge, Highway 95 Bridge, Bafford Bridge and repairing eroded embankments along the river. **Funding request: \$25,000**

Director Schank remarks that maintenance of the Highway 50 Bridge is very important for flood issues in the area. A discussion follows regarding a need for a sediment removal/diversion structure study to reach a long-term plan to address these issues permanently. Since bridge clearing is an annual problem in the area, it was suggested that Mr. James contact NDOT to explore the possibility of a Federal Grant to address this as highway maintenance.

Sierra Nevada Journeys – Family Watershed Nights for Carson River WS Communities (Proposal #8)

Sean Hill, Education Director

Funding from CWSD will serve over 500 children and their parents in communities within the Carson River Watershed with four community-building and educational events called Family Watershed Nights (FWN). FWNs invite K-8 students, their parents, and siblings to attend a fun, family-friendly evening, which provides watershed education at the family level and reinforces STEM concepts in the classroom. Through hands-on activities, participants will gain a sense of ownership and stewardship for the health of their community watershed. **Funding request: \$3,278.88**

River Wranglers- Conserve the Carson River Workdays (Proposal #9)

Darcy Phillips, Executive Director

River Wranglers continues the Conserve the Carson River Workdays (CCRWD) throughout the watershed. As everything changed in 2020, so did they. RW split their project into two separate components - the work and the education – for the most part. They plan to continue that in 2021-2022 as circumstances require. RW has moved to a virtual platform; however, they plan to incorporate this virtual content into our regular programming once they return to in-person field trips. This programming is interactive and engaging. Additionally, RW gives each participating student a backpack filled with

corresponding activities and supplies. These backpacks have become the new t-shirts. It is a way to give the students some hands-on activities and help them to feel they did not miss out as much given they could not have a field trip. RW plans to continue small, more family-oriented river workdays on the weekends, and introduce informal education into these workdays with discussions about why they are doing what they are doing, the importance of the health of the watershed, and other relevant topics. As part of this workday piece, RW has completed a list of all the areas they have wrapped trees in the last 25 years, and they plan to survey them and rewrap them, as necessary. RW plans to continue the good work of prior years with water quality testing, marking storm drains, cleaning up trash, and working on stream bank stabilization. RW's goal is to reach every school in the watershed communities that wants their programming – which is easier with virtual content, but also more difficult because teachers are overwhelmed. RW is networking with schools and districts as much as possible to increase their reach.

Funding request: \$26,000

Alpine County Watershed Group- Upper Carson River Watershed Programs (Proposal #10)

Kimra McAfee, Executive Director

Alpine Watershed Group (AWG) seeks funding for the fiscal year 2021-2022 from the Carson Water Subconservancy District for the coordination of its Upper Carson River watershed programs. AWG's mission is to preserve and enhance the natural system functions of Alpine County's watersheds for future generations. For 20 years, AWG has organized volunteers and inspired widespread participation to address water quality monitoring and restoration needs in Alpine County. To further the stewardship of our county's natural resources, our organization has developed diverse partnerships around watershed issues. As the nonprofit environmental organization for the Carson River headwaters (see attached map), our positive impacts extend downstream, where the Carson River flows into Northern Nevada. Through this project, AWG staff will: (1) involve local citizens in watershed stewardship; (2) plan and implement watershed monitoring and restoration activities; (3) recruit diverse stakeholders and strengthen community partnerships; and (4) support local watershed education and community outreach. **Funding request: \$25,000**

Alpine County Watershed Group- Markleeville Creek Floodplain Restoration (Proposal #11)

Kimra McAfee, Executive Director

Alpine Watershed Group (AWG) seeks funding for the fiscal year 2021-2022 from the Carson Water Subconservancy District to support finalizing planning for the Markleeville Creek Floodplain Restoration Project. Markleeville Creek is a major tributary to the East Fork of the Carson River supplying water to agricultural users, ranches, and thousands of residents in downstream communities. The Markleeville Creek Floodplain Restoration Project is intended to re-establish the natural meandering form and function of Markleeville Creek at the site of the former US Forest Service (USFS) Markleeville Guard Station. The project will re-create the natural floodplain and riparian streamside habitat by removing the unnecessary floodwalls and artificial fill material, improving in-stream habitat with bioengineered structures that will create pools for fish habitat, and revegetating disturbed areas with native species. The project goals are to (1) Restore the natural stream channel and floodplain functions to reduce damaging effects of floods, enhance fish and wildlife habitat, and treat stormwater runoff; (2) Provide public access for recreation such as walking paths, picnicking, and parking; and (3) Upgrade aging sewer infrastructure located in the floodplain to reduce the potential for system overflows and the threat of water quality impairments (through MPUD's project).

Funding request: \$27,911

New Projects:

Alpine County Fish & Game Commission – Fish Stocking (Proposal #12)

Walt Gentry, Fish & Game Chairman

Stocking Rainbow Trout in Alpine County waterways is an annual project that promotes tourism and promotes all businesses. This year they lost funding from two of their usual sources and are looking at other opportunities to be able to continue this traditional event. **Funding request: \$50,000**

Town of Gardnerville – Gardnerville Station Outlet Piping (Proposal #13)

Erik Nilssen, Town Manager

The Town installed a 13,000 CF underground detention reservoir under the Town owned Gardnerville Station in 2020. NDOT is going to connect to the reservoir in 2022. The Town must install a pipe from the reservoir to the Martin Slough along with pumps to get the storm water into the pipes and to the slough. The project will reduce flooding in the S-Curve section of US 395 as well as prevent direct discharge of storm water from the highway to the Martin Slough and will allow for suspended solids to settle out of the storm water. The Town believes both these goals will be improved by this project. The project will provide 13,000 cubic feet of flood water storage to aid in regional flood improvements. The project will reduce flooding on a US Highway improving transportation. The project will allow for the settlement of suspended solids including polluted highway runoff to settle out instead of directly discharging into the Martin Slough. **Funding request: \$70,000**

Churchill County – Lahontan Valley Water Level Measurement Program (Proposal #14)

Jim Barbee, County Manager & Chris Mahannah, PE, SWRS

The existing project entailed a detailed review of the USGS reports and water level measurements to identify potential gaps in aerial and vertical (shallow vs. intermediate aquifers) extent to determine where additional water level measurement would be useful. This resulted in approximately 28 wells completed predominately in the Intermediate aquifer being selected for water level measurement. These wells have been measured monthly since ~January 2012 and preliminary results were presented to the Churchill County BOCC and CWSD on 4/23/14 and updated again in a presentation to the Churchill County BOCC on 2/1/18. In May 2014 approximately 7 more Intermediate aquifer wells were added to the program to fill in identified gaps in the NW portion of the valley. All wells have been surveyed with the County's survey grade GPS unit to obtain accurate coordinates and well-head elevations such that vertical and horizontal gradients can be determined. The County's water level monitoring program which focuses primarily on the Intermediate aquifer compliments the USGS program which focuses mainly on the Shallow and Basalt Aquifers.

The project has regional benefits since most of the surface supply for the Newlands project and hence recharge come from the Carson River which are augmented by the Truckee River. The Churchill County Water Resource Plan Update has identified the local intermediate aquifer as the near term quasi-municipal supply and the length of time it can sustain development is contingent upon recharge from the surface water system and downward gradients from the Shallow aquifer to the Intermediate aquifer in the western portion of the basin. Due to the relative slow movement of groundwater, impacts to the Intermediate aquifer due to reductions in recharge from the Shallow aquifer were thought to take years or decades to fully manifest, however recovery of water levels in 2016 – 2017 seem to contradict this. Ongoing monitoring is critical to further understand the rate of decline in water levels during drought years and subsequent recovery during wetter years. Furthermore, the State Engineer relies on water level data when making many water resource and water rights decisions.

The ongoing funding request is for an additional three-year term through FY23/24; however, it is anticipated for this program to be successful as a long-term management tool, it be continued as an ongoing effort. **Funding request: FY21/22: \$14,500; FY22/23: \$14,500; FY23/24: \$15,000**

Truckee-Carson Irrigation District – Carson River Diversion Dam Repairs (Proposal #15)

Rusty Jardine, General Manager

This project consists of the application of a product, Aqualastic to the concrete surfaces of the Carson River Diversion Dam (Dam). The Dam is located approximately five (5) miles downstream of Lahontan Dam in Churchill County, Nevada. Aqualastic™ is a polyurea elastomeric coating that when applied to concrete serves to seal cracks preventing damage to facilities, check undesired flows, and prevent water loss. TCID has used this product extensively in the Newlands Project and with particular success on the Truckee Canal.

The Dam is a United States Bureau of Reclamation facility constructed in 1906. It serves to divert water released from Lahontan Dam, flowing in the Carson River channel, in one of three (3) ways: 1. Through a series of gates directing continuing flow in the Carson River Channel; 2. Through the head-works of the V-Line Canal; and, 3. Through the head-works of the T-Line Canal. The Dam is 24 feet long with a 225-foot long, 31-foot-high concrete control section. In flood operations conducted in 2017, we diverted approximately 3,320 cfs of flow from Lahontan Dam. Then, at the Carson Diversion Dam, we diverted as much as 1,700 cfs. into the V-Line Canal, 1,200 cfs. in the Carson River Channel (the Carson River gates are capable of 1,950 cfs), and approximately 200 cfs in the T-Line Canal.

Pivotal to continuing water management of water on the Carson River, is our ability to make diversions through the Diversion Dam. In this application TCID seeks to apply Aqualastic™ to cracks in the concrete of the dam thus encapsulating degraded sections of concrete. As stated previously, the Diversion Dam is very old; and, the useful life of its concrete was exceeded long ago. While the hope is to replace the Diversion Dam in the future, its use in both regular operations and in flood operation remains absolutely essential. Application of Aqualastic™ will serve to prolong the life of the Diversion Dam -protecting it against potential failure particularly amidst flood operations. Protecting the dam from failure serves, ultimately, to protect all property owners on the Carson River below it from flood waters that could not be controlled. **Funding request: \$50,000**

Carson Water Subconservancy District – WaterSmart Grant, Basin Plan Study (Proposal #16)

Ed James, General Manager

The Carson River Basin is particularly vulnerable to potential climate change due to several factors. Projected climate changes are anticipated to result in reduced precipitation, warmer conditions, and earlier snowpack melt. With virtually no reservoir capacity in the upper Carson River Basin, nearly all “storage” is in the form of snowpack. With high variations in snowpack from year to year, there is a high degree of uncertainty in water supply reliability. In addition, groundwater is an important water supply source in some areas of the Carson Basin. Like the Carson River itself, all the groundwater basins adjacent to the Carson River are fully appropriated or in some cases over-appropriated. Groundwater accretions and depletions to and from the Carson River are thought to be highly dependent on the Carson River and reduced flows in the Carson River may negatively impact groundwater basins. During preparation of the Plan of Study, CWSD and Reclamation will collaborate to develop a detailed work program which will address the Future water supplies and needs for the watershed. The Plan of Study will provide a detailed roadmap for developing the various chapters of the Basin Study investigation as well as a detailed budget and schedule for completing the Basin Study within the required timeframe.

Funding request: \$25,000 + In-kind service

USGS Projects:

USGS – Stream Flow Gauges (Proposal #17)

Megan Poff, Nevada Data Chief & Marsha Gipson, USGS

This funding request is for the continuation of the cooperative monitoring program between Carson Water Subconservancy District and the U.S. Geological Survey for surface- water monitoring program activities in the Carson River Basin for CWSD fiscal years (FY) 2021-2022 (July 1, 2021 – June 30, 2023). Surface-water O&M costs include maintaining the streamgaging equipment at 10 gaging stations, real-time monitoring and display of water information, making streamflow measurements, computing streamflow, quality assurance, and data publication and archive in NWIS (National Water Information System) database.

Streamflow information and flow measurements provided at real- time and non-real-time gages in the Carson River Basin define hydrologic conditions throughout the basin, such as sources, sinks, and fluxes of water. Accurate flow data from stream gages provide critical information for water accounting for legal agreements, river and project operations, hazard forecasts, water-quality assessments, and research (such as interaction of water systems; groundwater/surface- water interactions).

Funding request: FY 21-22 \$77,022; FY 22-23 \$81,089

USGS - Eagle/Dayton/Churchill Groundwater Monitoring (Proposal #18)

Megan Poff, Nevada Data Chief & Marsha Gipson, USGS

This funding request is for the continuation of the cooperative monitoring program between Carson Water Subconservancy District (CWSD) and the U.S. Geological Survey (USGS) for groundwater and water-quality monitoring program activities in Douglas and Lyon Counties, NV, for CWSD fiscal years (FY) 2021-2022 (July 1, 2021 – June 30, 2023). Groundwater monitoring includes water-level data collection, data entry, quality assurance, and data publication and archive in NWIS (National Water Information System) database. Monitoring includes a quarterly network of 20 wells in Carson Valley and Fish Springs, and an annual network of 10 wells in the Fish Springs and Silver Springs areas that may be subject to water-level changes.

Water-quality monitoring includes sample collection, chemical analyses for selected constituents and indicators, supplies, data entry, quality assurance, and data publication and archive in NWIS (National Water Information System) database. Monitoring includes an annual network of 6 domestic wells and a semi-annual network of 5 wells.

Streamflow information and flow measurements provided at real- time and non-real-time gages in the Carson River Basin define hydrologic conditions throughout the basin, such as sources, sinks, and fluxes of water. Accurate flow data from streamgages provide critical information for water accounting for legal agreements, river and project operations, hazard forecasts, water-quality assessments, and research (such as interaction of water systems; groundwater/surface- water interactions).

Funding request: FY 21-22 \$16,800; FY 22-23 \$17,580

No action was taken.

Item #5 - For Possible Action: Make recommendations for the Tentative General Fund, Acquisition/Construction Fund, and Floodplain Management Fund FY 2021-22 Budgets

Mr. James reviewed the Acquisition/Construction and Floodplain Management Funds with the committee.

The Committee recommended designating any funds that may be received from Storey County should the current legislation pass to make them official members of CWSD by NRS shall be deposited to grow the Flood Management Fund.

Committee Member Griffith made a motion that the Finance Committee recommend that the tentative budget for the FY 2021-22 Flood Management Fund be approved as adjusted above to

include any funds received from Storey County. Director Jacobs seconded the motion which was unanimously approved by the Finance Committee.

Director Jacobs made a motion that the Finance Committee recommend that the tentative budget for the FY 2021-22 General Fund include a 1.75% COLA increase for all CWSD employees as proposed and discussed earlier in today's meeting. Director Workman seconded the motion which was unanimously approved by the Finance Committee.

Mr. James reminded the committee there needs to be a cut of \$200,000 from the funding requests. Based on further discussion and consideration, the committee proposed the following recommendations to the Board.

The Committee recommended funding the full amount requested for these projects:

- Carson Valley Conservation District – Bioengineering (4)
- Carson Valley Conservation District – West Fork Bank Stabilization (5)
- Dayton Valley Conservation District – River Projects Inventory (6)
- Lahontan Conservation District – Lower Carson River Project (7)
- Sierra Nevada Journeys – Family Watershed Nights (8)
- River Wranglers- Conserve the Carson River Workdays (9)
- Alpine County Watershed Group- Upper Carson River Watershed Programs (10)
- Churchill County – Lahontan Valley Water Level Measurement Program (14)
- Truckee-Carson Irrigation District – Carson River Diversion Dam Repairs (15)
- USGS – Stream Flow Gauges (17)
- USGS - Eagle/Dayton/Churchill Groundwater Monitoring (18)

The Committee recommended not funding these projects:

- Muscle Powered - Historic Virginia and Truckee Trail (1)
- Great Basin Institute - Lower Ash Canyon Trail Maintenance Project (2)
- Carson City – Empire Ranch to Riverview Park (3)
- Alpine County Watershed Group- Markleeville Creek Floodplain Restoration (11)
- Alpine County Fish & Game Commission – Fish Stocking (12)
- Town of Gardnerville – Gardnerville Station Outlet Piping (13)
- Carson Water Subconservancy District – WaterSmart Grant, Basin Plan Study (16)

Director Workman made a motion that the Finance Committee recommend that the Tentative Budget for the FY 2021-22 General Fund be approved as adjusted above. Committee Member Griffith seconded the motion which was unanimously approved by the Finance Committee.

Director Jacobs made a motion that the Finance Committee recommend that the Tentative Budgets for the Acquisition/Construction Fund and the Floodplain Management Fund be approved as presented, with any Storey County funds going to the Floodplain Management Fund. Director Workman seconded the motion which was unanimously approved by the Finance Committee.

Item #6 - Public comment: None

The meeting adjourned at 12:55pm.

Respectfully submitted,
Catrina Schambra
Secretary to the Board

CARSON WATER SUBCONSERVANCY DISTRICT

TO: FINANCE COMMITTEE MEMBERS

FROM: EDWIN D. JAMES

DATE: MAY 5, 2021

SUBJECT: Agenda Item #5 For Possible Action: - Review funding additional projects for FY 2021-22

DISCUSSION:

In preparing the final General Fund budget there is approximately \$40,000 that could be distributed to projects. Based on discussions with various board members staff is proposing the following distribution of the funds:

- \$25,000 transfer to the Acquisition/Construction Fund to cover the USBR grant match requirement.
- \$10,000 to River Wranglers to expand their watershed awareness program in the schools.
- \$5,000 for trail maintenance to reduce erosion and water quality impacts to Ash Canyon.

STAFF RECOMMENDATION: Provide direction to staff.

CARSON WATER SUBCONSERVANCY DISTRICT
REQUEST FOR FUNDING

APPLICANT: Great Basin Institute

Name: Kevin Dose

Address: 16750 Mt Rose Highway

City County State Zip Code: Reno, Washoe County, NV, 89511

Email: kdose@thegreatbasininstitute.org

Telephone #: 775-760-1120

APPLICANT'S AGENT (if different from Applicant): Same as applicant

PROJECT NAME: Lower Ash Canyon Trail Maintenance Project

PROJECT LOCATION/ADDRESS: Eagle View Open Space, Carson City Nevada

PROJECT DESCRIPTION: Briefly describe the project. Provide maps, drawings, photographs or other information. Additional sheets may be attached.

Great Basin Institute, in partnership with Muscle Powered and Carson City Parks, Recreation and Open Space Department, is proposing to complete 6.5 miles of recreational trail maintenance within the Lower Ash Canyon Trail System. This system of recreational trails has seen increased use by a variety of users, including hikers and mountain bikers. Trail maintenance is required to reduce erosion, improve water quality in Ash Creek, improve user safety, and promote long term trail system sustainability.

Precipitation levels over the past several years have resulted in trails becoming overgrown with vegetation, forcing users to move toward the outside edge of the trail and causing erosion, also jeopardizing brush tangles with biker and hiker gear. Ruts and drainage features require maintenance to prevent further erosion. Trail maintenance will be completed using a combination of Muscle Powered volunteer contributions and support from a GBI Nevada Conservation Corps Trail Crew consisting of 5- AmeriCorps Members. Please refer to attached maps of the project area and trails to be maintained.

Trail maintenance projects would include:

- **Brushing** of vegetation to open trail corridors to prevent users from being pushed off of established trails. Brushing also opens sight lines to allow users to see upcoming terrain and other users, resulting in safer trail experience;
- **Removing loose rock** from trail tread to reduce erosion and keep users on established trails;
- **Repairing damage** to the outside edge of the trail, allowing water to properly flow off trail and prevent erosion and rutting of tread surface, and restoring back slope and hinge as needed;
- **Removal of debris** and sluff from the inside of the trail tread to prevent users from being pushed to the outside edge;
- **Clearing and maintaining drainage** features to promote more-local water shedding off of the trail surface and prevent erosion; and
- **Blocking** user created shortcuts and restoring impacted sensitive areas.

PROJECT GOALS AND BENEFITS: Briefly describe the project goals and benefits to be realized if the project is implemented. Additional sheets may be attached.

The goal of this project is to improve water quality, safe recreational opportunities and economic benefits to the Carson City region. Well maintained trails will result in improved water quality and lower turbidity in the surrounding watershed through reduced run-off and erosion, sustainable drainage patterns, and keeping users on trail and out of sensitive habitat areas. Trails with clear sight lines provide a safer and more enjoyable recreational experience. Well maintained and enjoyable trails attract visitors and support local businesses and the economy.

TOTAL ESTIMATED PROJECT COST: \$25,013.95

AMOUNT REQUESTED FROM CWSD: \$11,469.15; please note this request is scalable upon approval. GBI and our partners will be grateful for support and welcome the opportunity to negotiate total award and associated scope of work.

SOURCE OF OTHER FUNDS: List all other sources of funds to be used to match funds requested from CWSD. List the provider of the matching funds and the amount requested from each provider.

A total of \$5,032 in match will be generated through leveraging 25 hours of volunteer contributions from Muscle Powered for project coordination & oversight and 160 hours from GBI through facilitation of a trail maintenance skill training for eight new trail crew members.

In addition, GBI will pledge \$8,512.80 in In-Kind match using industry accepted differences in volunteer rates derived from the Independent Sector's hourly valuation of volunteer labor and GBI's AmeriCorps Volunteer hourly valuation equivalent.

Please refer to the attached budget for detailed project match contributions.

ESTIMATED DATE PROJECT TO BEGIN: August 2, 2021

ESTIMATED TIME TO COMPLETE PROJECT: November 30, 2021

(If completion date is greater than a year, please indicate how much funding is needed in each fiscal year.)

PERMIT REQUIREMENTS: If your project requires a permit, license and/or approval from a governmental agency to proceed, please provide the current status of each requirement. If approval has not been requested or is in progress, please provide the estimated date on which approval can be expected. Additional sheets may be attached.

There are no permit requirements for this project.

OTHER INFORMATION: Provide any other information that may be important to the approval of this application.

The Great Basin Institute is an interdisciplinary field studies organization that promotes research, education, and conservation. GBI Trail Crews are supported by AmeriCorps funding. Upon successful completion of a field season, crew members earn education awards to support their participation in education and technical programs. GBI prioritizes individual development and works with crew members to foster stewardship, collaboration, communication, personal growth and leadership. Impacts

to the economy of Nevada due to COVID-19 cannot be understated. GBI's goal is to put the communities of Nevada back to work with the safety of our staff, field crews, partners and the communities we serve as the priority. The NCC provides participants with the opportunity to make meaningful contributions toward protecting and conserving Nevada's natural heritage, while also gaining valuable work experience in the natural resource management field. Participants gain valuable experience and training that translates to skills and certifications to contribute to future employment opportunities.

SIGNED: _____

NAME: Kevin Dose

TITLE: Deputy Director

DATE: February 5, 2021

THE CARSON WATER SUBCONSERVANCY DISTRICT RESERVES THE RIGHT TO DENY ANY AND/OR ALL APPLICATIONS FOR FUNDING.



**Great Basin
Institute**

Great Basin Institute
Lower Ash Canyon Trail Maintenance Project
Project Budget



**Nevada
Conservation Corps**

Category	Description	Rate	Units	Amount	Total
PERSONNEL					
	AmeriCorps Senior Crew Leader (1)	\$11.54	120 hours	\$1,384.80	
	AmeriCorps Crew Members (4)	\$8.46	480 hours	\$4,060.80	
	Personnel Total				\$5,445.60
BENEFITS					
	AmeriCorps Senior Crew Leader (1)	\$4.48	120 hours	\$537.60	
	AmeriCorps Crew Members (4)	\$3.80	480 hours	\$1,824.00	
	Benefits Total				\$2,361.60
TRAVEL					
	Crew PerDiem (5 people)	\$7.25	12 days	\$435.00	
	Travel Total				\$435.00
SUPPLIES					
	Crew equipment and safety gear	\$186.94	3 weeks	\$560.82	
	Supplies Total				\$560.82
OTHER					
	4x4 Heavy Duty Crew Truck (lease)	\$154.25	3 weeks	\$462.75	
	4x4 Heavy Duty Crew Truck (mileage)	\$0.60	360 miles	\$216.00	
	Other Total				\$678.75
DIRECT COSTS					\$9,481.77
INDIRECT COST				20.96%	1,987.38
TOTAL PROJECT FUNDS REQUESTED					\$11,469.15



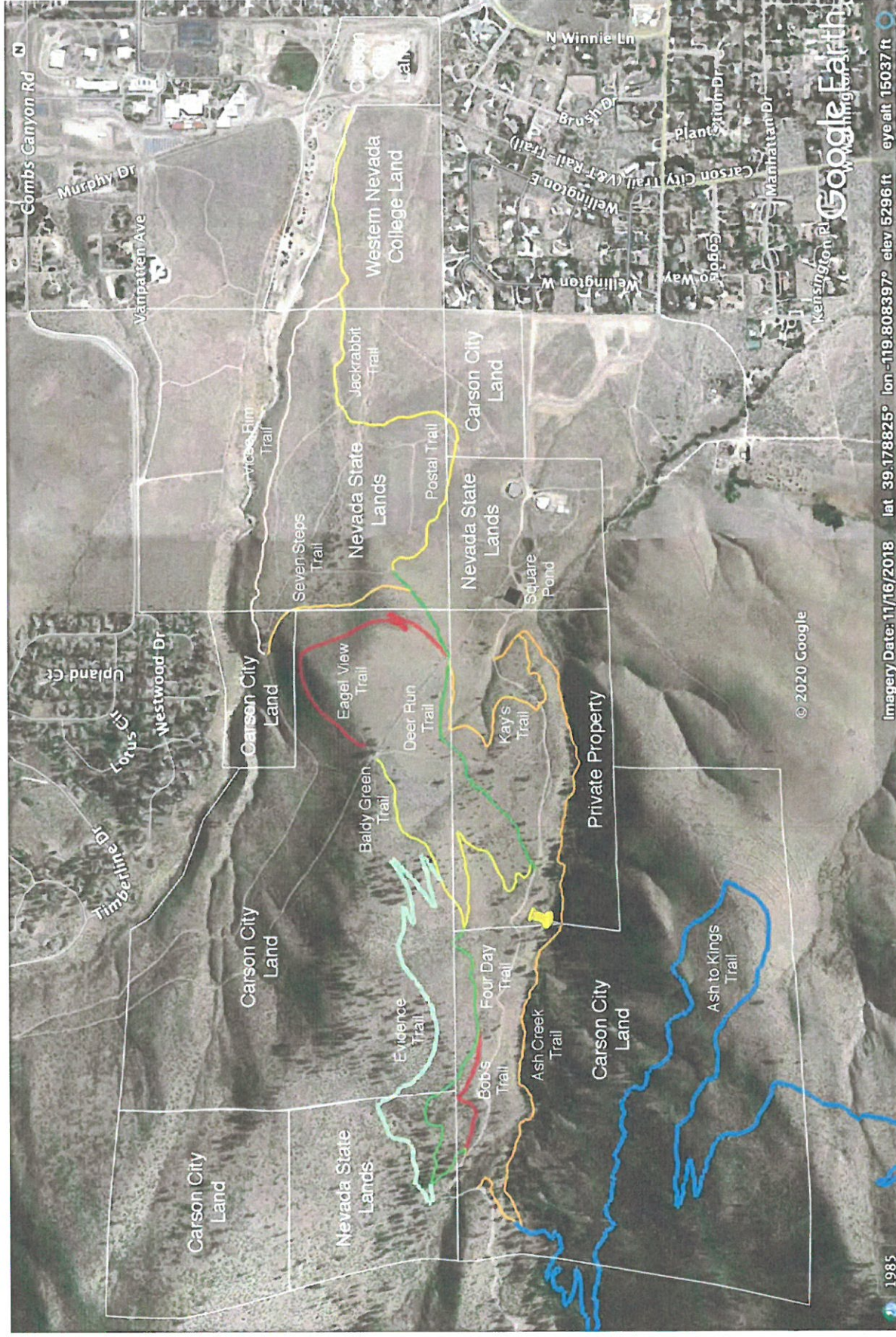
Great Basin Institute
Lower Ash Canyon Trail Maintenance Project
Project Match



Category	Description	Rate	Units	Amount	Total
PERSONNEL	Muscle Powered - Project Coordination	\$27.20	25 hours		\$680.00
	Great Basin Institute - Trail Training (8 members)	\$27.20	160 hours		\$4,352.00
				Personnel Match Total	\$5,032.00
IN-KIND*	AmeriCorps Senior Crew Leader (1)	\$11.18	120 hours		\$1,341.60
	AmeriCorps Crew Members (4)	\$14.94	480 hours		\$7,171.20
				In-Kind Match Total	\$8,512.80
					\$13,544.80

TOTAL PROJECT MATCHING FUNDS

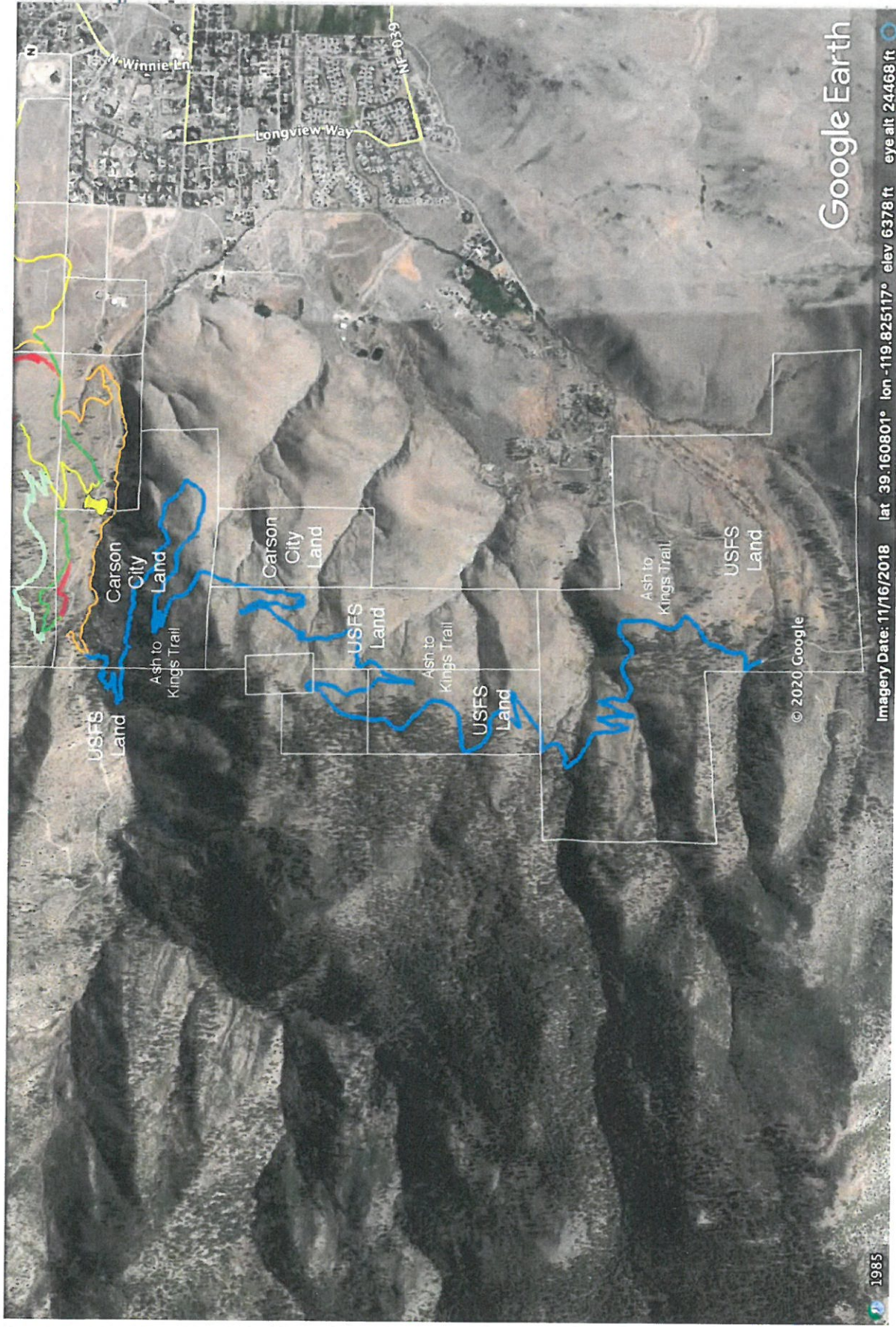
Priority Trails - Lower Ash Canyon Trail Maintenance Project



Priority Trails: The priority for this project will be to complete 6.2 miles of maintenance on the network of trails in Lower Ash Canyon. Maintenance will be completed only on public lands, no work will be done on private

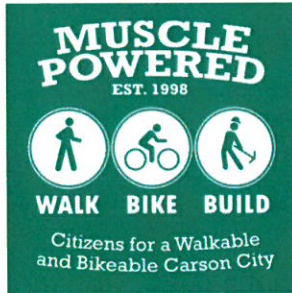


Secondary Trails - Lower Ash Canyon Trail Maintenance Project



Secondary Trails: As funding and time permit, once maintenance is completed on Priority Trails, work will continue on an additional 7 miles of the Ash to Kings Trail. Maintenance will be completed only on public lands, no work will be done on private lands.





February 3, 2021

Mr. Shane Fryer, Watershed Program Specialist
Carson Water Subconservancy District
777 E. William St., #110A
Carson City, NV 89701

Subject: Collaborative Work Understanding & LOS for CWSD Funding Request

Dear Shane & CWSD Board,

Muscle Powered (MP), the Carson-City-based hiking, biking and trails non-profit, enthusiastically supports the funding request being made by Great Basin Institute (GBI) to Carson Water Subconservancy District (CWSD) for helping MP maintain Carson's extensive trail system. This letter stands with GBI's submission as our statement of support and to summarize our understanding of working collaboratively. GBI is making the request for their trail work, forming the project commitment with CWSD, and being compensated incrementally for services rendered. MP will oversee the project.

Letter of Support

MP believes in GBI as excellent partner to boost our trail maintenance work when we have much near-in trail building to do. MP has been at trail work for upwards of 20 years around Carson. MP designs, builds, maintains, and improves single-track multi-use dirt trails, and adopts certain worthy sustainable user trails, over many miles in the City, Carson Range, Prison Hill, and Centennial Park recreational areas. MP works under oversight of land management partners, like Carson City Open Space, USFS and Nevada State Parks who support our work and help protect MP. A notable MP project was Ash to Kings Trail west of Carson that drew national awards. MP is mobilizing to build Lincoln Bypass and Capital to Tahoe trails funded by the Recreational Trails Program.

GBI has a long history of trustworthy trail work with their Nevada Conservation Corps. GBI crews joined MP and Carson City Open Space during public workdays such as the community trail build of National Trails Day in 2019. GBI crews had a significant role in building a portion of Ash to Kings Trail, working alongside MP who designed and also built another section of Ash to Kings Trail after extensive community participation in developing trail user needs. GBI is project leader with the BLM and MP for pieces of the NEPA Environmental Assessment needed for new MP-proposed trails in Centennial Park.

MP and GBI know one another and how to work together on trails. We have agreed for the CWSD project on a working relationship for maintenance of foothill trails on public lands. Lands are managed by Carson City Open Space, USFS, and others, and include Eagle View Open Space, Nevada State Lands, Western Nevada College, Ash Canyon, and possibly portions of Ash to Kings Trail, all where MP has permission. MP forms no contractual tie with CWSD. We pledge here to help GBI get the work done as below.

Collaborative Work Understanding

For the CWSD project, MP proposes to oversee trail maintenance to be performed by GBI. We have reviewed GBI's funding request and project approach. We are satisfied this will be a successful collaboration. MP commits our Crew Leads with the expertise and local knowledge of trail conditions to guide GBI in their maintenance focus.

GBI proposes best-effort maintenance on selected trail runs to be prioritized by MP before GBI crew are dispatched in summer 2021, after MP has confirmed trail segments needing various repairs. GBI can join trail reconnaissance with MP to help locate and understand specific needs. Crew safety will be approached with standard procedures.

MP will oversee the work, set requirements, monitor trail work, join GBI when it makes sense (subject to MP COVID-19 strictures), and approve invoices following our quality inspections as work completes. If the work encounters special challenges that dampen GBI productivity, MP reserves the right to redirect work to get the most from the project.

MP offers trail-related services free of charge and accepts no compensation from GBI. Each organization has various means of liability and Workers' Comp protections. MP attests to active Volunteer Service Agreements or Memoranda of Understanding with land managers and MP permission to work on these managed lands. No private land will be affected by this project. If funding is awarded, we'll be most grateful for GBI's help!

Yours truly,



Pete Doenges
Trails Coordinator
801-641-0114

Muscle Powered
PO Box 2402
Carson City, NV 89702



CARSON CITY, NEVADA
CONSOLIDATED MUNICIPALITY AND STATE CAPITOL

February 3, 2021

Carson Water Subconservancy District (CWSD)
777 East William Street, Suite 110A
Carson City, NV 89701
775-887-7450

Subject: Support Letter for the Great Basin Institute's funding request for Lower Ash Canyon Trail Maintenance Project

CWSD Grant Committee Members,

The Carson City Parks, Recreation & Open Space Department would like to offer our support for the Great Basin Institute's funding request for the Lower Ash Canyon Trail Maintenance Project.

This project will complete maintenance on 6.5 miles of recreational trails in the lower Ash Canyon area. These trails, which are identified in our Unified Pathways Master Plan, have recently been brought into Carson City's trail system through a land acquisition and agreements with two other landowners. Trail maintenance is required to improve user safety, reduce erosion, improve water quality in Ash Canyon Creek and promote long term trail system sustainability.

Carson City has a close working relationship with Muscle Powered, and through a Memorandum of Understanding their volunteers perform maintenance activities on many much of our trail system. They are seeking the help of the Great Basin Institute to augment their volunteer capacity in order to bring these newly acquired trails up to our standards of safety and sustainability. The Great Basin Institute has performed work for our Department in the recent past and we trust their ability to perform quality trail maintenance.

Please do not hesitate to contact me if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Gregg Berggren".

Gregg Berggren
Trails Coordinator



CARSON WATER SUBCONSERVANCY DISTRICT

TO: FINANCE COMMITTEE MEMBERS

FROM: EDWIN D. JAMES

DATE: MAY 5, 2021

SUBJECT: Agenda Item #6 For Possible Action: - Approval of the draft General Fund, Acquisition/Construction Fund, and Floodplain Management Fund
FY 2021-22 *DRAFT* Final Budgets

DISCUSSION:

Attached are the *DRAFT* final General Fund, Acquisition/Construction Fund, and Floodplain Management Fund Budgets for FY 2021-22.

STAFF RECOMMENDATION: Provide direction to staff.

CARSON WATER SUBCONSERVANCY DISTRICT

General Fund

	Proposed Final Budget	Approved Final Budget	Projected Actual Budget	Notes
	Jul '21 - Jun '22	Jul '20 - Jun '21	Jul '20 - Jun '21	
Income				
5008-00 . Alpine County	10,897.74	10,897.74	10,897.74	
5009-00 . Churchill County Ad Valorem	224,981.67	218,984.88	218,984.88	
5010-00 . Lyon County Ad Valorem	200,242.41	187,253.01	187,253.01	
5011-00 . Douglas County Ad Valorem	650,989.68	617,790.62	617,790.62	
5012-00 . Carson City Ad Valorem	477,771.17	458,361.52	458,361.52	
5022-00 . Mud Lake Water Lease	55,500.00	51,765.00	52,000.00	
5023-00 . Lost Lake Water Lease	0.00	0.00	804.00	
5031-00 . Interest Income - St Pool Reg	2,025.41	4,821.36	3,305.00	0..35 Percent
5050-13 . Watershed Coord Grant IV 19-22	86,925.00	164,800.00	112,898.00	Grant
5050-13 . NDEP Watershed Drone Work	0.00	18,165.00	17,903.47	Grant
5050-07 .CRC Donation	0.00	0.00	0.00	
Aquatic Trail Grant	85,000.00	0.00	5,000.00	Grant
5058-04 .208 Water Quality LID	0.00	3,900.00	10,013.00	Grant
5060-00 . Misc. Income / Watershed Tour	6,000.00	6,000.00	20.00	
5082-00 . CASGEM	400.00	400.00	400.00	Grant
5083-00 . Alpine Co Mesa GW Study	300.00	0.00	300.00	Grant
6003-00 . FEMA - MAS # 9	0.00	81,420.00	58,530.00	Grant
6004-00 . USBR - water Market Study	0.00	53,078.00	50,000.00	Grant
6005-00 . FEMA - MAS # 10	85,486.00	319,590.00	324,127.00	Grant
6006-00 . FEMA - MAS # 11	417,395.00	0.00	158,869.00	Grant
FEMA MAS 12	0.00	0.00	0.00	
Total Income	2,303,914.08	2,197,227.13	2,287,457.24	
Expense				
ADMINISTRATIVE EXPENSES:				Notes
7015-00 . Salaries & Wages	422,280.00	413,300.00	390,000.00	reduced \$8K
7020-00 . Employee Benefits	179,170.00	172,217.00	150,000.00	reduced \$8K
7021-00 . Workers Comp Ins.	2,300.00	2,300.00	2,300.00	
7101-00 . Director's Fees	16,000.00	16,000.00	13,000.00	reduced \$2.3K
7102-00 . Insurance	5,100.00	5,100.00	4,935.00	
7103-00 . Office Supplies	2,000.00	2,100.00	1,560.00	
7104-00 . Postage	1,250.00	1,050.00	1,200.00	
7105-00 . Rent	38,885.00	37,752.00	37,752.00	
7106-00 . Telephone	6,400.00	5,000.00	6,200.00	increased \$0.5K
7107-00 . Travel-transport/meals/lodging	16,000.00	16,000.00	5,100.00	Increased \$0.5K
7108-00 . Dues & Publications	1,400.00	1,100.00	1,400.00	increased \$0.3K
7109-00 . Miscellaneous Expense	1,000.00	1,000.00	1,000.00	
7110-00 . Seminars & Education	1,500.00	1,500.00	1,000.00	reduced \$0.5K
7111-00 . Office Equipment	3,000.00	3,000.00	3,000.00	
7112-00 . Bank Charges	50.00	50.00	50.00	
7115-00 . Accounting	16,800.00	16,800.00	16,800.00	
7116-00 . Legal	32,000.00	32,000.00	24,000.00	
Subtotal-Administrative Expenses	745,135.00	726,269.00	659,297.00	

CARSON WATER SUBCONSERVANCY DISTRICT

General Fund

Multi Year, Studies, and Grants	Proposed	Revised	Projected	Notes
	Final Budget	Final Budget	Actual Budget	
PROJECTS:	Jul '21 - Jun '22	Jul '20 - Jun '21	Jul '20 - Jun '21	
7114-00 - Professional Outside Services	30,000.00	30,000.00	30,000.00	
7117-00. Lost Lakes Expenses	14,000.00	13,500.00	10,500.00	
7118-00 - Mud Lake O & M	1,250.00	1,200.00	1,200.00	
7120-00 - Integrated Watershed Plan				
7120-07 - Watershed Tour	6,000.00	6,000.00	1,000.00	
7120-33 Watershed Coord Grant IV 19-21	28,800.00	49,200.00	21,347.00	Grant
7120-33 Watershed Coord Match IV 19-21	16,608.00	9,900.00	17,521.00	Grant
7126-00 - NDEP CR UAS Monitoring Drone	0.00	305.00	315.89	Grant
7404-00 - Noxious Weeds Control	75,000.00	75,000.00	75,000.00	
7406-00 - 208 Planning - LID	0.00	1,210.00	7,688.00	Grant
7433-10 - State Park Aquatic Trail	80,000.00	0.00	4,500.00	Grant
7437-00 - FEMA MAS #9	0.00	66,824.00	34,470.00	Grant
7437-00 - FEMA MAS #10	68,905.00	297,642.00	306,025.00	Grant
7437-00 - FEMA MAS #11	384,995.00	0.00	138,109.00	
7438-01 - USBR WaterSmart Reimbursed	2,860.00	53,078.00	50,000.00	Grant
7438-02 - USBR WaterSmart Match	0.00	0.00	0.00	AcquConst Fund
7500-00 - USGS Stream Gage Contracts	77,022.00	78,405.00	78,405.00	
7508-03 - USGS Do. Co. & Lyon Co GW Collection	16,800.00	16,890.00	16,890.00	
7524-01 - USGS GW level & WQ Churchill Co.	5,930.00	5,680.00	5,860.00	
7526-01 - USGS Middle Carson Groundwater	\$ 15,250.0	\$ 15,250.0	\$ 15,250.0	
7610-10 - Douglas Co Regional Pipeline	125,000.00	125,000.00	125,000.00	
7620-11 - Regional Pipeline Payment to CC	125,000.00	125,000.00	125,000.00	
Subtotal Multi Year & On-going Projects	1,073,420.00	970,084.00	1,064,080.89	

Counties and River Projects

	Notes		
	3,279.00	3,279.00	3,279.00
7215-00 - Sierra NV Journeys - Family Night	36,000.00	26,000.00	26,000.00
7332-00 - Carson River Work Days			increased \$10K
7337-00 - Carson River Restoration			
7337-20 - CVCD Genoa Bank Stabilize	0.00	70,000.00	70,000.00
7337-25 - CVCD Bioengineering 2020-21	0.00	65,000.00	65,000.00
7337-26 - CVCD Westwood Channel 2020-21	0.00	100,000.00	100,000.00
7337-34 - DVCD Bank Stab & Dayton Bridge	0.00	40,000.00	40,000.00
7337-36 - DVCD Fort Churchill	0.00	75,000.00	75,000.00
7337-04 - LCD Clearing & Sand Bar Removal	0.00	20,000.00	20,000.00
7600-05 - Alpine Co. Watershed Group.	25,000.00	25,000.00	25,000.00
7600-09 - CASGEM	5.00	5.00	2.00
7600-10 - Mesa GW Measurement Project	2.00	0.00	1.00
7640-09 - Lahontan Valley WTR Level (3 year)	14,500.00	20,000.00	20,000.00
7640-17 TCID Carson Diversion Dam 19-20 EXT	0.00	0.00	22,073.00
7640-18 - Dixie Valley WTR LVL measurement	23,000.00	21,000.00	21,000.00
7640-19 TCID Carson Diversion Dam Gate	0.00	15,000.00	15,000.00
Subtotal Carson River Projects	101,786.00	480,284.00	502,355.00

+

CARSON WATER SUBCONSERVANCY DISTRICT General Fund

New Projects

	Proposed to the		
	Fin Committee	Requested	Notes
Historic V & T Trail	\$ -	\$ 5,000	
Lower Ash Canyon Trail	\$ -	\$ 11,469	
Riverview Park Connector Trail	\$ -	\$ 10,000	
CVCD Bio and Debris Removal	\$ 75,000	\$ 75,000	
CVCD West Fork Bank Stabilization	\$ 100,000	\$ 100,000	
DVCD	\$ 100,000	\$ 100,000	
Lahontan Conservation District	\$ 25,000	\$ 25,000	
AWG Markleeville Creek Restoration	\$ -	\$ 27,911	
Alpine Fish and Game	\$ -	\$ 50,000	
Gardnerville Station Outlet Piping	\$ -	\$ 70,000	
TCID Diversion Dam	\$ 50,000	\$ 50,000	
Carson River Basin Study	\$ -	\$ 25,000	
Total Expenses for New Projects	350,000.00	0.00	0.00
Total Expenditures	2,270,341.00	2,176,637.00	2,225,732.89
Net Ordinary Income	33,573.08	20,590.13	61,724.35
Other Income/ Other Income			
Beginning Equity	578,688.35	680,768.00	661,964.00
Transfer from Acqu./Const. Fd to Gen Fd.	0.00	0.00	0.00
	578,688.35	680,768.00	661,964.00
Total Other Inc Other Expenses			
8008-00 - Preliminary Planning	400,000.00	385,000.00	0.00
Transfer from Gen. Fd. to Floodplain Fd.	0.00	0.00	0.00
Transfer from Gen. Fd. to Acqu./Const. Fd.	100,000.00	145,000.00	145,000.00 increase \$25K
Total Other Expenses	500,000.00	530,000.00	145,000.00
Net Other Income	78,688.35	150,768.00	516,964.00
ENDING BALANCE	112,261.43	171,358.13	578,688.35

* Based on the 2019-20 Audit

4 % 106,813.64

**CARSON WATER SUBCONSERVANCY DISTRICT
ACQUISITION/CONSTRUCTION FUND
2021-22 Final Budget**

ACQUISITION/CONSTRUCTION FUND	Proposed Tentative Budget	Approved Final Budget	Projected Actual Budget
	Jul '21 - Jun '22	Jul '20 - Jun '21	Jul '20 - Jun '21
Ordinary Income/Expense			
Income			
5032-01 · Interest Inc - Inv. Pool	2,790.67	5,723.24	4,850.00
Total Income	2,790.67	5,723.24	4,850.00
Expense			
Upstream Storage Evaluation	0.00	33,648.00	34,000.00
Right-A-Way Lyon County Utility to Silver Springs	25,000.00	125,000.00	100,000.00
Construction Projects	800,000.00	715,000.00	0.00
Total Expense	825,000.00	873,648.00	134,000.00
Net Ordinary Income	-822,209.33	-867,924.76	-129,150.00
Other Income/Expense			
Other Income			
8000-01 · Beginning Equity	797,333.00	764,253.00	781,483.00 *
8001-01 · Transfer In-General Fund	100,000.00	145,000.00	145,000.00
Total Other Income	897,333.00	909,253.00	926,483.00
* Based on 2019-20 Audit			
Ending Equity	75,123.67	41,328.24	797,333.00

**CARSON WATER SUBCONSERVANCY DISTRICT
FLOODPLAIN MANAGEMENT FUND
FY 2021-22 Final Budget**

FLOODPLAIN MANAGEMENT FUND	Proposed Final Budget	Adopted Final Budget	Projected Actual Budget	Notes
	Jul '21- Jun '22	Jul '20 - Jun '21	Jul '20 - Jun '21	
Ordinary Income/Expense				
Income				
5032-01 · Interest Inc - Inv. Pool	1,164.19	3,025.06	2,500.00	Based on 0.35%
Total Income	1,164.19	3,025.06	2,500.00	
Expense				
7203-03 Floodplain Planning	300,000.00	300,000.00	0.00	
TCID Flood Project	0.00	35,000.00	35,000.00	
7206-03 Flood Project along SR 88 in Minden	0.00	40,000.00	40,000.00	
Total Expense	300,000.00	375,000.00	75,000.00	
Net Ordinary Income	-298,835.81	-371,974.94	-72,500.00	
Other Income/Expense				
Other Income				
8000-01 · Beginning Equity	332,627.00	382,074.00	405,127.00	*
8001-01 · Transfer In-General Fund	0.00	0.00	0.00	
Total Other Income	332,627.00	382,074.00	405,127.00	
Ending Equity	33,791.19	10,099.06	332,627.00	

* Based on the 2019-20 Audit

FY 2021-22

