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The New Citizenship

A Partnership between Citizens and Government

April 5, 1993

To: William Galston, Deputy Assistant for Domestic Policy
202-456-2878

From: Benjamin R. Barber and Harry C. Boyte, The New Citizenship

Re: Supplemental memo on possible items for the meeting agenda

We are grateful for your willingness to convene a meeting in Washington during the spring at which a small group representing The New Citizenship might meet with interested parties in the executive branch. In order to help prepare the agenda for that meeting, we would like to suggest the following items that we trust will be of mutual interest to the Clinton Administration and The New Citizenship. Around such issues, it might be possible to initiate the kind of government-citizen partnership which we all envision.

You might wish to add other items or to modify the ones noted here, but this will initiate the discussion and, with your judgment, could perhaps be a basis for invitation to others to the spring meeting.

1) Service and Civic Education: Project Public Life and the Whitman Center have been working closely with the Commission on National and Community Service and the White House Office of National Service in helping to establish a training program for the Summer of Service that incorporates educational and civic dimensions. We have also contributed a number of ideas for the national service program. Finally, on a related note, training in civic concepts has implications for other arenas as well, such as community organizing and development. After years of work with community organizing networks, we know that a citizenship framework can move community and advocacy groups beyond a narrow rights or advocacy language to reconceive themselves in civic terms, as public contributors. We have a fairly extensive previous correspondence on these issues which we will be happy to circulate to the work group for the spring meeting, if useful. This is clearly an area where associated organizations of The New Citizenship find common ground with the Administration, and can be helpful in providing approaches for decentralized centers for education, training, and service.

Steering Committee Members

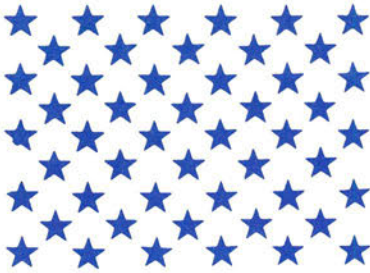
Harry C. Boyte, Center for Democracy and Citizenship, Humphrey Institute of Public Affairs, University of Minnesota
Benjamin R. Barber, Walt Whitman Center, Rutgers University
Dorothy Collins, former Director, Citizenship Education Program, Southern Christian Leadership Conference
Donald H. Saunders, International Affairs, Kettering Foundation
James W. Morris, Pew Partnership for Civic Change
David Hoffstad, Department of Political Science, Baylor University
U. Eklund, Eklund Associates, Council for the Advancement of Citizenship
Peg Michals, Project Public Life, Humphrey Institute of Public Affairs, University of Minnesota

2) Extension Services/USDA: Extension Services is a sleeping giant politically because of its enormous scale (more than 5 million young people and 600,000 volunteers in 4-H alone -- more than 85% nonfarm, 25% minority); its ubiquity; its cross connections (for instance, 4-H has over 70,000 in-school units); and its receptivity to civic themes. In work with Extension Services through Project Public Life at the Humphrey Institute, we have found that civic training for Extension staff, agents, volunteers and program leaders in civic concepts and skills can have relatively rapid and large-scale impact. For instance, in Minnesota 4-H's Community Pride program, a service initiative involving each year more than 20,000 young people, the integration of civic themes into training for youth, adults and staff has significantly changed the seriousness and depth of projects across the state. Civic concepts have also notably reshaped the community development and social service delivery approaches of new initiatives like Youth and Families at Risk. A major national service enrichment effort in 4-H/USDA could significantly affect the shape of the service movement, adding a large small town and rural component to what is to date a largely urban and school-based service initiative. Civic training in Extension generally could powerfully affect community development in America's rural areas.

Gov. William Winter in Mississippi has discussed the idea of an Extension/USDA citizenship campaign with Secretary Espy and Bob Nash, Undersecretary for Small Community and Rural Development; they voiced considerable interest.

3) Health Service: Health care, a priority area for the administration and the nation, is also a promising environment in which to generate national public discussion and experiments with citizenship as the theme. A civic approach offers both prospects for cost-savings and also political benefits that accrue from public involvement in the work of health care. We know of significant national networks eager to take up the theme of citizenship in health care (for instance, Ben sits on the national board of Health Decisions America, a thirty-eight state association of citizen and public health groups which has decided to make the theme of citizenship its central focus this coming year; the Kettering Foundation, a partner in The New Citizenship, is another possible network). Moreover, we know from our work with practical initiatives (in nursing homes, community clinics, public health programs and a large black hospital) and from the work of others (e.g. the Pew Health Professions Commission; the National Civic League's Healthy Communities project) that professionals, educators, regulators, and clients and patients can be moved to innovative, effective experiments in "co-production" of health with this theme.

Foreign Affairs: The issue at this stage is not so much citizen involvement in policy formation as it is the formulation of policies that help build civil societies abroad in which citizens play important roles in emerging democracies. We have already explored these issues with Will Marshall at P.P.I., and would hope to do the same at our general meeting.



Original Box
America the Beautiful Fund

219 Shoreham Building Washington, D.C. 20005 (202) 638-1649

March 21, 1994

Joel Berg
Director of Public Liaison
USDA, Room 538-A
Washington, DC 20205

Dear Joel,

It was so nice to meet you today at Terry Donohue's office, and I am excited about the possibility of our working together to get more community improvement projects started all across America.

I have sent you a set of our general information materials and will be happy to give you additional materials about specific projects or program areas as you need them.

The first day of Spring was a propitious day to begin what I hope will be a productive and successful effort to nourish and beautify America and help it "grow."

With best wishes,

Sincerely,

Nanine Bilski
National Projects Director
and Corporate Secretary

Enc.



Delaware Agricultural Museum and Village
866 North DuPont Highway
Dover, Delaware 19901
302//734-1618

*Proposed
by VIP
422052*

February 19, 1993

Chief of Staff
The White House
1600 Pennsylvania Ave.
Washington, DC 20000

Dear Chief of Staff:

I am writing to request your assistance in establishing a national volunteer support and recognition program. A program is needed for volunteers not only in the area of health and human service but a broad base program to help and honor the many volunteers involved in areas of education, environment, culture and conservation as well.

I manage a volunteer staff of almost 400 volunteers and am aware of their importance to non-profit organizations and agencies. Volunteers are people who "Put People First" and we need to do everything possible to support them and encourage their continued participation in our nation's non-profit organizations.

I appreciate your help and consideration.

Sincerely,

Kay C. Powell
Volunteer Coordinator

Action Office: fmha
Referral Code: 2



* 3 0 1 9 7 5 2 *

NB MR-6 P 2:30

THE WHITE HOUSE

WASHINGTON

*National
Service
AG*

March 2, 1993

Ms. Kay C. Powell
Volunteer Coordinator
Delaware Agricultural
Museum and Village
866 North DuPont Highway
Dover, Delaware 19901

Dear Ms. Powell:

Thank you for taking the time to write regarding the establishment of a national volunteer support and recognition program. Your thoughts are needed and very much appreciated.

As we face the challenge of restructuring our government for the twenty-first century, it is important to have both your input and your support. I have taken the liberty of forwarding your letter on to the appropriate person for further attention.

Again, thanks for taking the time to write.

Personally,

Mack McLarty

Mack McLarty
Chief of Staff to the President

THE WHITE HOUSE

WASHINGTON

MEMORANDUM

TO: All agency contacts for the White House
FROM: Lynda Rathbone, Director of Correspondence
for the Chief of Staff

RE: Proper contact person and room number.

Enclosed please find a copy of the out-going letter from Mr. McLarty with the attached correspondence forwarded to your agency for proper handling.

I am in the process of determining the correct contact person(s) for each agency for

- a) letters to Mr. McLarty that are casework handled by your agency, and
- b) letters to Mr. McLarty that are policy matters that he would like to send to the Secretary/Administrator and senior staff for their information.

If you could either call or drop me a note with the proper contacts and their room and phone number, it would be greatly appreciated. I am located at:

White House Correspondence
Attn: Lynda Rathbone
room 94, OEOB
Washington, DC 20500
phone: 456-7610
fax: 456-2806

**KEN'S LAKE
WATER QUALITY PROTECTION PLAN**

**MOAB, UTAH
1996**



Prepared by: Andrea Dyar, AmeriCorps Member

PROJECT SUMMARY SHEET

PROJECT TITLE NAME: KEN'S LAKE WATER QUALITY PROTECTION PLAN

NAME AND ADDRESS OF LEAD PROJECT SPONSOR:

Grand County Water Conservancy District
3025 East Spanish Trail Road
Moab, UT 84532

STATE CONTACT PERSON: George Hopkin **TITLE:** Chief EQS
Utah Dept. of Ag.

PHONE: 801-259-8121

STATE: Utah **WATERSHED:** Spanish Valley Watershed

PROJECT TYPES: ☐ Base ☒ Watershed ☐ Groundwater ☒ I & E

WATERBODY TYPES

NPS CATEGORY

☐ Groundwater
☒ Lakes/Reservoirs
☐ Rivers
☒ Streams
☐ Wetlands

☐ Agriculture
☒ Urban Runoff
☐ Silviculture
☐ Construction
☐ Resource Extraction
☐ Stowage and Land Disposal
☐ Hydrologic Modification
☒ Other

PROJECT **LATITUDE** 38° **MIN.** 30' **LONGITUDE** 109° **MIN.** 22'

SUMMARIZATION OF MAJOR GOALS: GOAL 1: Protect and improve water quality and improve fisheries and wildlife habitat through sediment and nutrient load reduction in Kens Lake. GOAL 2: Enhance local 5th grade students' knowledge of NPS pollution problems and solutions, identify local NPS pollution sources and create an awareness of water quality issues.

PROJECT DESCRIPTION: Ken's Lake is an off-stream reservoir which is part of the Spanish Valley Watershed. The reservoir is experiencing sediment and nutrient loading as a result of heavy recreational usage. This project will address these issues by constructing sediment retention structures, stabilization of the riparian area and implementation of the Ken's Lake Master Plan. The Master Plan includes methods for reclaiming damaged soils, establishing new vegetation and improving site function by restricting recreation use to designated areas. The second part of this project will be to add to an existing educational program information on NPS pollution.

FY 96 319 funds requested \$334,944

Match \$114,990

Other Federal Funds \$19,500

Total project cost \$469,434

KEN'S LAKE WATER QUALITY PROTECTION PLAN MOAB, UTAH 1996

Prepared by Andrea Dyar, AmeriCorps Member

2.0 STATEMENT OF NEED

2.1 Project and Priority

This project is a water quality protection plan for Ken's Lake reservoir in Moab, Utah. Ken's Lake is being threatened by sedimentation and nutrient loading from heavy, unrestricted recreational usage. Ken's Lake is part of the Spanish Valley Watershed, a designated NPS priority watershed.

This project will address the heavy recreational usage. Sediment reduction structures will be constructed, riparian areas will be stabilized and the Ken's Lake Master Plan will be implemented. The Ken's Lake Master Plan was developed by Paul Valcarce of Castleland Resource Conservation and Development Council, Inc. The Master Plan includes methods for reclaiming damaged soils, establishing new vegetation and improving site function by restricting recreation use to designated use areas. A copy of the Master Plan is included in the Appendices.

Ken's Lake will also provide an area to have a hands-on learning experience for local elementary school children to understand NPS pollution, its control and prevention. The second part of this project will be an education program to enhance local students' knowledge base of NPS pollution problems and solutions. The target audience of this program will be local 5th grade students. This program will be provided by Moab Outdoor Education program, a partnership between Grand County School District, National Park Service, and Canyonlands Field Institute. This program will enhance the existing outdoor education program already in place for 5th grade students.

2.2 Description of waterbody

Ken's Lake is an off-stream reservoir at the foot of the west slopes of the La Sal Mountains in eastern Utah. Development was initiated in 1979. It has a surface area of 35 hectares/86 acres, a volume of 2,610 acre-feet capacity, maximum depth of 70 feet, length of 2,690 feet and width of 1,400 feet.

The reservoir appears to be decreasing in productivity. A profile obtained in August, 1991, showed dissolved oxygen concentrations near 7.2 mg/L above the thermocline (6-7 meters) with a declining trend to 1.7 mg/L at the bottom (15 meters). It appears that there is sufficient oxygen demand in the hypolimnion which is beginning to impact the fishery. The lake is defined as a nitrogen limited system with TSI values indicating the lake has shifted from a hypereutrophic to a mesotrophic lake with an overall TSI index shift of 17.22 units from 61.23 to 44.01. Although the lake is managed as a cold water fishery, it is marginal during the summer due to the elevated water temperatures and the low concentrations of dissolved oxygen in the hypolimnion. The total concentration of phosphorus in the water column continually exceeds the State's pollution indicator (25 µg/L). In 1991 the reported average was 41.4 µg/L. In 1990 and 1991, the average concentrations were 27.8 and 31.0 µg/L.

The flora is dominated by golden algae with Dinoflagellates with a green algae also present in significant quantities. Algal biomass is very high and could cause winter kill problems.

2.3 Location Maps

Maps showing location and size of watershed, landownership, and project location are included in the Appendices.

2.4 Watershed information

Ken's Lake reservoir is near Moab in Spanish Valley. The valley is a long graben, where the underlying rocks have dropped below the surrounding terrain. It is an arid redrock desert. Water is brought into the lake via the Shelly Diversion Tunnel from Mill Creek, which drains the western face of the La Sal Mountains. These mountains develop heavy snowpacks in the winter due to their high elevation, and the runoff is stored in Ken's Lake for use throughout the summer.

The sole inflow to Ken's Lake is the canal from Mill Creek. Outflow is to Pack Creek in Spanish Valley. The watershed is composed of high mountains, canyons, and low deserts. The vegetative communities are comprised of slickrock, sage-grass, oak, maple, aspen-fir, and alpine. The watershed receives 6-30 in. (25-36 cm) of precipitation annually with a frost-free season of 120-160 days at the reservoir.

The Bureau of Land Management is the major landowner. 25 acres owned by State School Trust Land is leased to Grand County Water Conservancy District. Land use is 100% multiple use and recreation. The major use of the watershed is livestock grazing and recreation.

2.5 Water quality problem

Since its development in 1979, recreational usage at Ken's Lake has dramatically increased on a yearly basis. This follows the general increase trend in recreation and tourism in the Moab, Utah area. For example, visitor numbers at Arches National Park were 773,700 in 1993. By 1994, the figure had increased to 777,200, with the projected number for 1995 being 785,000. While there are no actual visitor numbers for Ken's Lake, many tourists are being directed to Ken's Lake as surrounding BLM and National Park campgrounds fill up.

The area surrounding Ken's Lake is subject to road runoff, parking area runoff, heavy visitor use and related damage such as defecation, littering, vegetation damage, and unmanaged pets which are all typical of urban runoff problems. Ground cover canopies have been damaged and stripped away. Upper canopy trees and shrubs have been damaged and removed for campfire use. Sediment from streambank erosion as a result of the human impact contributes to the diminishing capacities of the reservoir.

Sampling is currently in process to document sediment and nutrient load into Ken's Lake as a result of these processes.

3.0 PROJECT DESCRIPTION

3.1 Goals.

GOAL 1: Protect and improve water quality, improve fisheries and wildlife habitat through sediment and nutrient loading reduction in Ken's Lake.

3.2 Objectives and tasks.

OBJECTIVE 1: To complete the construction of sediment retention structures.

Task 1: Natural Resource Conservation Service (NRCS) , Grand County Water Conservancy District (GCWCD) and Bureau of Land Management (BLM) will complete hydrological inventory and sediment load study of area one month after award of funding.

Product: Hydrological Inventory and sediment load study
Cost: \$10,000

Task 2: NRCS will create design of sediment retention structures one month after completion of Task 1.

Product: Sediment Retention Structure Design
Cost: \$10,000

Task 3: Grand County Water Conservancy District (GCWCD) and Grand County Soil Conservation District (GCSCD) will construct sediment retention structures 6 months after completion of Task 2.

Product: Sediment Retention Structures
Cost: \$25,000

OBJECTIVE 2: Stabilization of riparian area.

Task 4: Bureau of Land Management (BLM) will develop riparian area management plan using best management practices (BMPs) within 6 months of funding.

Product: Riparian Area Management Plan
Cost: \$2,000

Task 5: BLM will implement riparian area management plan within 6 months after completion of Task 4.

Product: Riparian Area stabilization
Cost: \$2,500

OBJECTIVE 3: Implementation of Ken's Lake Master Plan.

Task 6: GCWCD, BLM and Utah Division of Wildlife Resources (UDWR) will be responsible for closure of roads not included in Ken's Lake Master Plan within 6 months of funding.

Product: Road Closures
Cost: \$3,000

Task 7: GCWCD, San Juan County and Grand County will be responsible for construction of day use area to be completed within 12 months of funding.

Product: Recreational day use area
Cost: \$129,840

Task 8: GCWCD, UDWR and Moab Sportsman Club (MSC) will be responsible for construction of fishing area to completed within 12 months of funding.

Product: Recreational fishing area
Cost: \$86,275

Task 9: GCWCD will be responsible for construction of campground area to be completed within 12 months of funding.

Product: Recreational campground area
Cost: \$114,879

Task 10: GCWCD and BLM will implement management plan for recreational area at time of completion of construction of Ken's Lake Master Plan.

Product: Ken's Lake Management Plan
Cost: \$10,000

GOAL 2: Enhance local 5th grade students' knowledge of NPS pollution problems and solutions, identify local NPS pollution sources and create an awareness of water quality issues.

Objective 1: Add to existing Moab Outdoor Education program (MOE) to expose 5th grade students to NPS pollution in the Ken's Lake area basing the curriculum on the Utah State Core Curriculum topic of Natural Resources.

Task 11: MOE will update existing curricula and implement program to include NPS pollution problems and solutions, identifying local NPS pollution sources and water quality issues for the 1995-1996 school year.

Product: New curriculum including NPS field trip program
Cost: \$1,740

3.3 Milestone table. See attached Milestone table.

3.4 After funding is received, a hearing will be held to inform the public on specific roads to be closed. A letter from Mark Page with Southeastern Utah Division of Water Rights will state that no permit is necessary for construction of the sediment retention structures. BLM will complete an Environmental Impact Statement for the area to be affected by the Ken's Lake Master Plan prior to commencement of construction.

3.5 Lead Project Sponsor.

Grand County Water Conservancy District (GCWCD) is the appropriate entity to be lead sponsor for this project. GCWCD was given a right of way with the BLM under Grant No. U-36754, dated February 23, 1979, for the Ken's Lake reservoir. GCWCD manages the reservoir as well the recreational usage of the reservoir.

4.0 COORDINATION PLAN

4.1 Cooperating Organizations.

GCWCD will be the lead project sponsor. They will be responsible for construction of sediment retention structures and for contracting for road closures. GCWCD will be responsible for contracting for the construction of the day use area, fishing area and campground area. They will be involved with the implementation of the recreational management plan.

Grand County Soil Conservation District (GCSCD) will assist GCWCD in the construction of the sediment retention structures.

BLM will be responsible for the development and implementation of the riparian area management plan. They will also cooperate with GCWCD and Utah Division of Wildlife Resources (UDWR) in the closure of roads and with GCWCD in the implementation of the recreational management plan.

Natural Resource Conservation Service (NRCS) will be responsible for the hydrological survey and design of the sediment retention structures for stabilizing flood drainage areas.

UDWR will be responsible for the construction of a toilet facility near the fishing area, as well as fish stocking of the reservoir. UDWR will cooperate with GCWCD and BLM in the closure of roads.

San Juan County (SJC) will be responsible for construction of a gravel road in the recreational area as part of the construction of the day use area pursuant to the Ken's Lake Master Plan.

Grand County (GC) will assist SJC in the construction of the gravel road in the recreational area.

Moab Sportsman Club (MSC) will assist GCWCD and UDWR in the construction of the fishing area.

Castleland Resource Conservation and Development Council, Inc. (Castleland RC&D) has provided the Ken's Lake Master Plan and will continue to provide technical assistance as necessary for implementation of the Ken's Lake Master Plan.

Moab Outdoor Education Program (MOE) will develop and implement the education curriculum for 5th grade students on NPS pollution.

San Juan County Sheriff's Department and Grand County Sheriff's Department will provide law enforcement to the area.

AmeriCorps-USDA 4 Corners Rural Development Program will provide technical assistance.

4.2 Local Support.

Several meetings were held between cooperating agencies to coordinate efforts with regard to the increasing problems at Ken's Lake. The Ken's Lake Master Plan was a result of these meetings. After development of the plan, a public hearing on the proposed plan was held on June 28, 1994. Public response was very favorable for construction of the recreation area.

4.3 Letters of support from the cooperating agencies are included in the Appendices.

4.4 This project will be coordinated with the NPS Management Plan and other potential or planned projects that will contribute to watershed water quality improvements.

4.5 No similar activities are currently being undertaken in this watershed.

5.0 EVALUATION AND MONITORING PLAN

5.1 Sampling Frequency

Impairments to water quality occurring in this watershed are considered to be directly related to recreational use. Therefore, frequency of water sampling will be intensified during high-use recreational periods. Water samples will be collected on a monthly basis during the months of November through March. During periods of intensified recreational use, water samples will be collected bi-weekly (April-October). In order to track contaminant loadings within the watershed, water volume in the lake will be noted during sampling.

5.2 Sampling Locations

Water samples which will represent composites of lake water will be collected from within the lake in the nearshore environment. The suite of contaminants that are being monitored include sediment, turbidity, and total suspended solids. Semi-permanent transects will be constructed across the stream and floodplain to determine erosional/depositional activities and secondary water quality monitoring (macro-invertebrates, fisheries habitat, etc....) These monitoring sites will be coordinated with the State Monitoring Team (Rick Summers, Mike Allred, W.D. Robinson, and Mark Peterson) to insure comparability with other State monitoring efforts.

5.3 Sample Analysis

Samples will be taken in 250 ml bottles that have been cleaned and rinsed with distilled water. Samples will be preserved according to water quality standards indicated in Stednick (1991). Samples will be sent to an EPA-approved laboratory for analysis to maintain Quality Assurance according to specified EPA guidelines.

A potential list of contaminants for which analysis will be conducted include:

Contaminant	Measure	Reporting Value
Sediment	Concentration	mg/l
Turbidity	Turbidity Units	NTU
Total Suspended Solids	Concentration	mg/l
Total Nitrogen	Concentration	mg/l
Total Phosphorous	Concentration	mg/l
Total Dissolved Solids	Concentration	mg/l

We anticipate other potential contaminants to be included in the analyses (e.g., total coliform, fecal coliform) and will report these according to accepted EPA standard methods.

5.4 Reporting

Quarterly reports will be filed with the State NPS Task Force concerning all activities associated with this project. Monitoring data will be summarized in tabular form and also presented graphically to indicate trends in water quality parameters. Where seasonal or other patterns are visible, an attempt will be made to relate these changes to uses occurring within the watershed. Additionally, attempts will be made to estimate and report recreation use within the watershed. Other potential sources of contaminant delivery will be noted and described in quarterly reports to the Task Force. An annual summary of activities also will be submitted to the Task Force.

An annual visit of Task Force members (monitoring team or other individuals) will be scheduled to familiarize Task Force members with ongoing watershed treatment plans and to discuss potential water quality issues arising from this work.

A final report detailing all activities conducted as part of this project will be submitted upon completion of the project. This report will include information regarding changes in recreation use or patterns of use within the watershed, response of water quality to management activities conducted as part of this project, and other relevant information concerning watershed condition and downstream impairments, as well as age-appropriate evaluation measures for the 5th grade education program.

6.0 BUDGET - See attached project budget.

MILESTONE TABLE KEN'S LAKE WATER QUALITY PROTECTION PLAN

Task/Responsible Party	Output	Q T Y	O / N	D / J	F / M	A / M	J / J	A / S
Objective 1								
Task 1: Hydrologic Inventory Group 2	Inventory	1	X					
Task 2: Sediment Retention Structures Design - Group 2	Design	1	X					
Task 3: Sediment Retention Structures Construction - Group 1, 5	Sediment Retention Structures			X	X	X		
Objective 2								
Task 4: Management Plan - Group 3	Management Plan		X	X	X			
Task 5: Implement Plan - Group 3	Implement Plan					X	X	X
Objective 3								
Task 6: Road Closures Group 1, 3, 4	15 Closed Roads			X	X	X		
Task 7: Day Use Area Group 1, 6, 7	Day Use Area		X	X	X	X	X	X
Task 8: Fishing Area Group 1, 4, 8	Fishing Area		X	X	X	X	X	X
Task 9: Camping Area Group 1	Camping Area		X	X	X	X	X	X
Task 10: Recreation Management Plan Group 1, 3	Management Plan	1						X
GOAL 2, Objective 1								
Task 11: Update existing curricula and implement program for 5th grade students Group 9	New curriculum including NPS pollution					X		

GROUP 1: GCWCD - Lead Sponsor, Project coordinator for implementation of Ken's Lake Master Plan

GROUP 2: NRCS - Technical assistance for inventory and design of sediment retention structures

GROUP 3: BLM - Technical assistance and coordination on riparian area, road closures and recreation management plan

GROUP 4: UDWR - Technical assistance for construction of fishing area

GROUP 5: GCSCD - Technical assistance with construction of sediment retention structures

GROUP 6: SJC - Technical assistance and coordination of road construction

GROUP 7: GC - Technical assistance with road construction

GROUP 8: MSC - Assistance in construction of fishing area

GROUP 9: MOE - Responsible for implementation of 5th grade NPS education program

BUDGET TABLE
KEN'S LAKE WATER QUALITY PROTECTION PLAN

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BUDGET TABLE CONT.
KEN'S LAKE WATER QUALITY PROTECTION PLAN

[illegible]

BUDGET TABLE CONT.
KEN'S LAKE WATER QUALITY PROTECTION PLAN

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APPENDICES

Appendix 1: Maps
Watershed Area
Location of Reservoir
Ownership Map

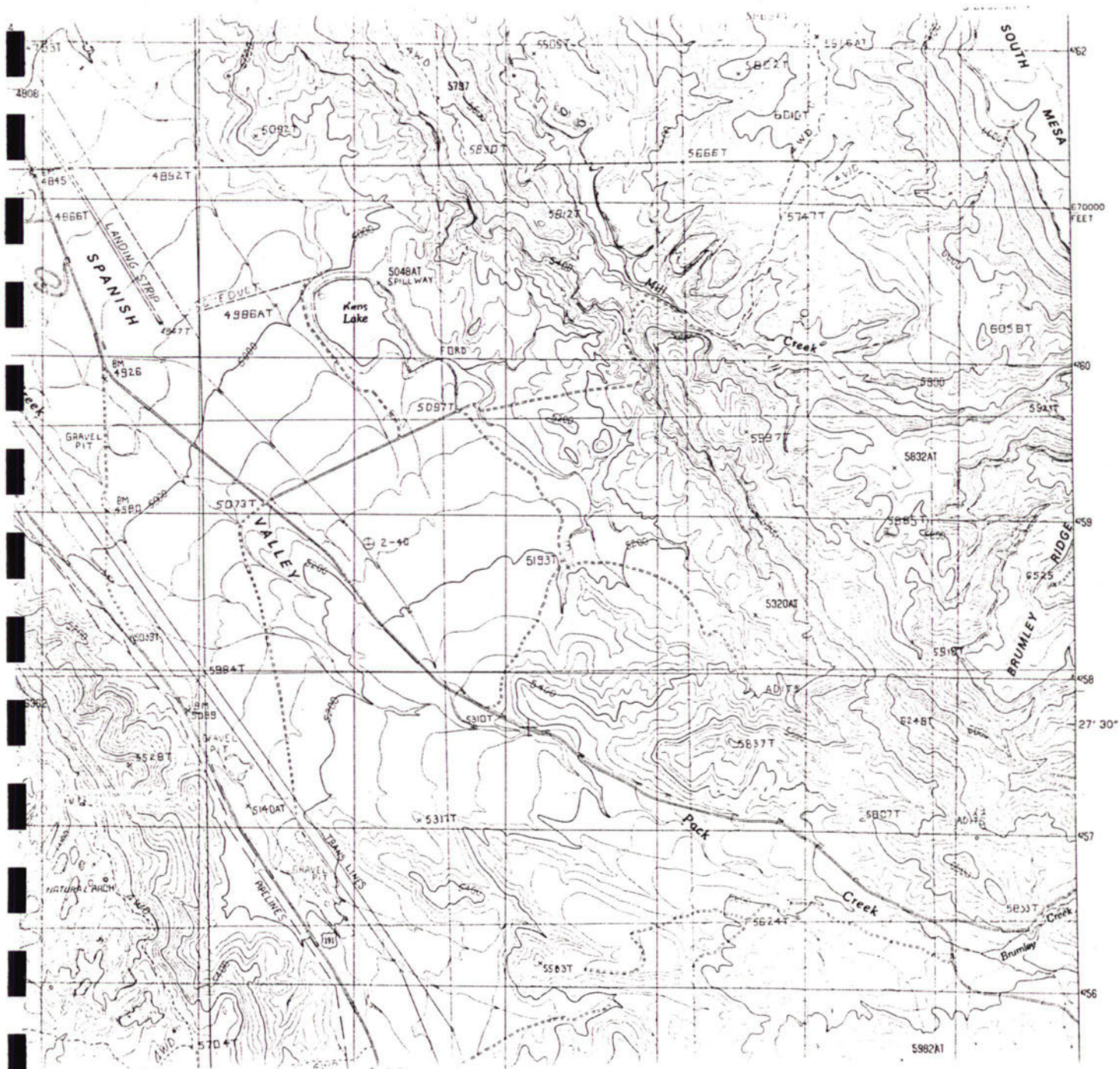
Appendix 2: Ken's Lake Master Plan

Appendix 3: Letter from Mark Page

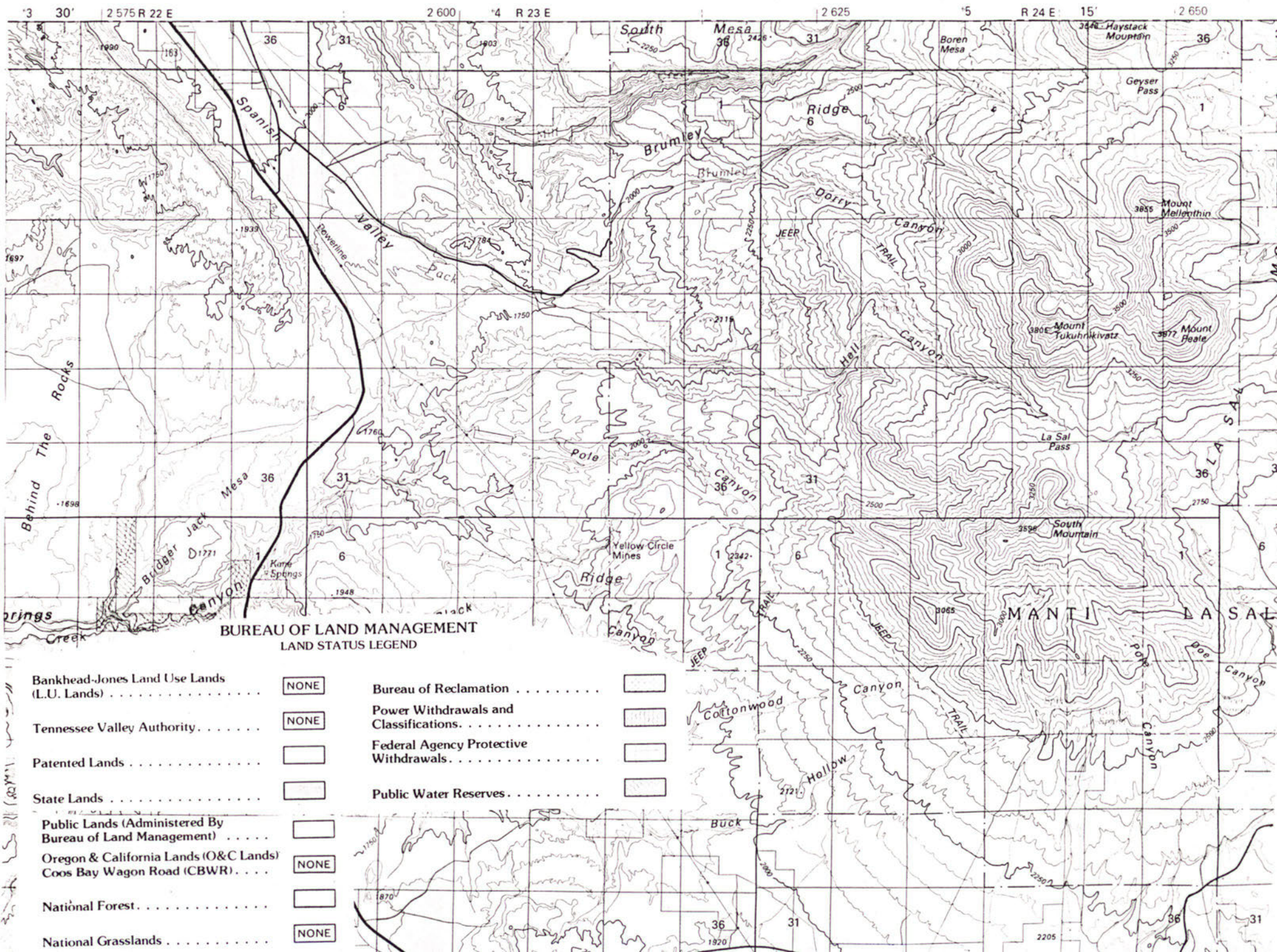
Appendix 4: Letters of Support

APPENDIX 1





Location of Reservoir



APPENDIX 2



KEN'S LAKE

PROVIDING IRRIGATION WITH RECREATIONAL OPPORTUNITIES

BUREAU OF LAND MANAGEMENT • GRAND RESOURCE AREA • GRAND COUNTY • GRAND COUNTY WATER CONSERVANCY DISTRICT •
GRAND COUNTY SOIL CONSERVATION DISTRICT • SAN JUAN COUNTY •

COORDINATED BY DALE PIERSON PROVIDED BY: CASTLELAND RC&D

DESIGNED BY P. VALCARCE

Ken's Lake
Master Plan

An Introduction

Development of Ken's Lake was initiated in 1979 by the Grand County Water Conservancy District. The lake was developed to serve the agricultural irrigation needs of residents of Moab's Spanish Valley. Ken's Lake was one of the first projects completed with bond funds from the 1978 State Water Conservation and Development program administered by the Utah Board of Water Resources. Construction included the building of a dam that is 95 feet high and 4,050 feet long. Nearly 900,000 cubic yards of earth were needed to complete the dam, which is designed to hold 2,700 acre feet of water diverted from Mill Creek. The diverted water is transported from Mill Creek through a 645 feet long Sheley tunnel dug through rock and sandstone.

The primary reason for the reservoir's development was to deliver irrigation water to users in the valley located south of Moab City. It was recognized at the time, the lake would provide recreational access to the community.

Today, the lake receives use from local residents as well as a myriad of visitors from several states and countries. During the busy tourist season, the lake serves as a camping overflow resource when area campgrounds and primitive sites are full. Because the lake provides a variety of recreational opportunities, its visitors come with varying objectives in mind. Fishing, canoeing, wind surfing, camping, picnicking, hiking, and mountain biking are all popular activities at the site. Due to increasing recreational uses and increasing numbers of visitors (both local and non-local), the lake is experiencing significant negative impacts.

Purpose of the Ken's Lake Master Plan

As the number of visitors to the lake increase, the resources suffer. Currently, the site is impacted by soil and vegetation damage, human waste, garbage, visual impacts, and functional disorder. Implementing the recommended master

plan will provide solutions for many of these problems. Damaged soils will be reclaimed, vegetation will be established and maintained, site function will be improved by designating use areas, and access for sportsman will be retained.

Benefits of the Master Plan

Numerous aesthetic, recreational, economic, and ecological benefits can be attained by implementing the master plan. The installation of design solutions will enable Ken's Lake to provide a wide variety of experiences to users, while maintaining the pristine quality of the area.

Cost of maintaining the lake can be offset by installing a fee station near the campground area. Fees collected can be used to help cover cost of maintenance and repair.

Controlling vehicular access, utilizing the reseeding recommendations, and protecting existing native vegetation is strongly recommended in the development process. Following these recommendations will yield direct results in terms of vegetation and wildlife diversification, enhanced visual quality, and improved overall outdoor experience in the area.

The Goal of the Master Plan

The goal of Ken's Lake Master Plan is to provide for current recreational use of the area, while effectively protecting existing natural resources and reclaiming damaged areas which will ensure the site's natural quality. It is fully recognized that the lake's primary function is to provide a source of irrigation water for Spanish Valley users; however, existing problems stemming from recreational use must be dealt with. The plan provides solutions to those problems.

Ken's Lake Master Plan

Objectives of the Master Plan

Successfully achieving the plan's goal requires that several objectives be met. Federal, state, and local governments should be utilized when appropriate for support and funding. In-kind services at the county level should be utilized in road development and maintenance, site management, and other functions. Community support will be vital to the success of the project. Community resources should be utilized in short term support efforts such as a once-a-month clean-up by volunteers, possible planting projects, etc.

Public education should be provided for at the site in an effort to inform visitors about human impacts on vegetation, soils, and natural systems. Such educational efforts will help reduce inappropriate use of the site.

Implementation

Implementation will be a long term process. Ken's Lake is currently receiving a variety of impacts brought on by an array of activities. Each step in implementing the plan will address one or more identified problems. Over time, implementation of the master plan will provide for sustainable recreational utilization of the Ken's Lake area.

Initially, priorities should be identified by the stakeholders to guide the implementation process. Critical concerns should be addressed first. Issues should be categorized as primary, secondary, and tertiary concerns and an implementation plan developed accordingly. Adhering to the plan over time will yield desired results. Progress should be checked periodically to determine if the project is on track.

Adequate funding is necessary for project implementation. Organizations such as Castleland RC&D Council Inc. can assist in identifying possible grant funds and can provide a non-profit entity through which grants can be received.

Clarification of roles of all key agencies and organizations will be critical for project success. The Bureau of Land Management, Grand County Water Conservancy District, Grand County, San Juan County, Utah Division of State Lands, and other possible players must define roles and clarify financial responsibilities. Issues dealing with maintenance, security, safety, and other concerns must be addressed.

Ken's Lake has an excellent potential for volunteer involvement. Plantings, trail construction, camp site construction, and reseeding projects are just a few possible activities that could be accomplished by volunteers. Volunteer efforts must be effectively organized and coordinated for maximum results. Community clubs, special interest organizations, scouts, and church groups are all sources of potential volunteers. Volunteer resources (time, material, equipment) can frequently be considered as in-kind contributions for purposes of providing matching funds for grants. Volunteer involvement has long term benefits of resulting in local sense of pride and ownership in the project.

Summary

Primarily Ken's Lake was built for irrigation use, but with recreational activities increasing at the lake, human impacts must be addressed. The proposed master plan provides solutions to minimize impacts on the natural resources, visual quality and site function at the lake site. Implementation will take time, but following the master plan will ensure sustainable development and preserve the pristine quality of the lake.

BACKWOOD ROAD BRIDGE
FISHING AREA TO MINIMIZE PLANTER EROSION
AND REDUCE TRUCK DAMAGE - APPROX. 100' x 100'

DAY USE AREA
IN CALCULATED FOR 100' x 100'
DELIMITED TRUCK AND PARKING
IN CAR STALLS
IN 10' STALLS
PLANT AND TRAILER DESIGN, MATERIAL
FOR DISSEMINATION, DELIVERED TO SITE
BEFORE TRAIL PLANTING IS AN

FISHING AREA
FISHING AREA WITH DISABLED WATER ACCESS
FISHING BOAT WITH UP AND DOWN TRAILER
DELIMITED CAR PARKING
TRAILER STALLS

CAMPING AREA
ENTRANCE GATE WITH CAR & TRAILER PAD
IN 10' STALLS
DELIMITED CAMPING UNITS
TRAILER STALLS
DELIMITED TRAILER HEAD PARKING
TRAILER HEADS CLOSE TO TRAILER HEADS
STREAM BANK VEGETATION AND SOILS

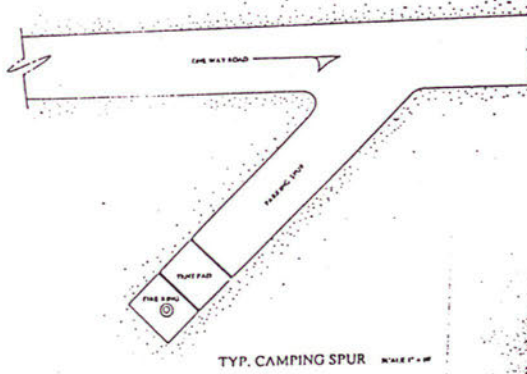
KEN'S LAKE

CONSERVATION MASTER PLAN

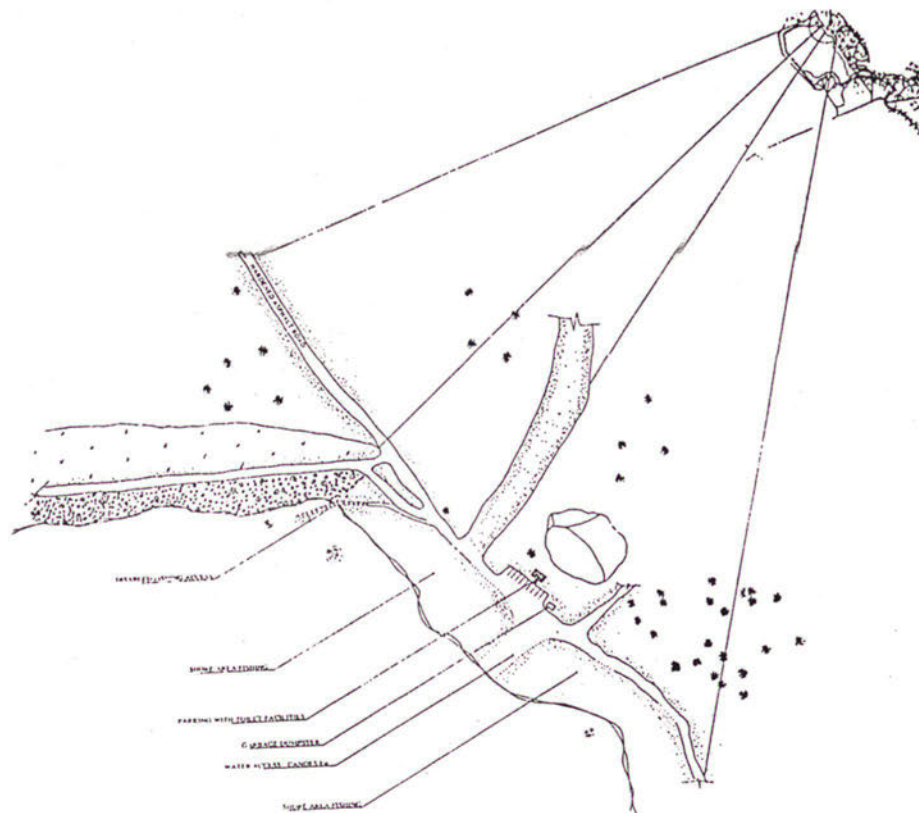
SITE PROPOSALS

SCALE 1" = 200'

Ken's Lake
Master Plan



Ken's Lake Master Plan

[illegible]

KEN'S LAKE
FISHING & WATER ACCESS AREA

Ken's Lake Master Plan

APPENDIX 3



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Robert L. Morgan
State Engineer

Southeastern Area
453 South Carbon Avenue
P.O. Box 718
Price, Utah 84501-0718
801-637-1303

March 10, 1995

Grand County Water Conservancy District
Attn: Dale Pierson
P.O. Box 1046
Moab, Utah 84532

Re: 1) Access Road - Ken's Lake
2) Silt Retention Structures - Unnamed Wash

Dear Dale:

Sometime ago, we looked at the proposed access road that would approach the Ken's Lake Dam from the back side by traveling in proximity to the right groin of the embankment. As I indicated at that time, the proposed location of your road is acceptable as long as it does not contact the embankment nor create additional erosion from storm events in the area.

The proposed silt retention structures in the unnamed wash that flows into Ken's Lake from the southeast will not require a Permit Application from this office, nor the Corps of Engineers. Care should be taken that the structures will not greatly reduce the carrying capacity of the wash which would allow it to move out of its banks and create additional erosion problems.

If you have any further questions concerning either of these matters, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Mark'.

Mark P. Page
Regional Engineer

MPP/mjk

APPENDIX 4



CANYONLANDS FIELD INSTITUTE

P.O. Box 68 • 1320 S. Hwy 191 • Moab, UT 84532 • 801-259-7750 Fax 801-259-2335

March 13, 1995

Ken's Lake Water Quality Protection Plan
Attn: Mr. Dale Pierson
Grand County Water Conservancy District
P.O. Box 1046
Moab, UT 84532

Dear Mr. Pierson,

On behalf of Canyonlands Field Institute, I am writing to express support for the proposed Ken's Lake Water Quality Protection Plan. This proposed project is of great importance to Mill Creek/Ken's Lake watershed vitality and merits the requested Environmental Protection Agency funding for Clean Water Act, Section 319 non-point source pollution control.

Canyonlands Field Institute (CFI) is a non-profit, 501(c)3, outdoor education organization based in Moab, Utah. We conduct life and earth science, cultural history, and environmental/community issue studies for elementary and high school students and selected adult audiences such as teachers, youth leaders and guides. We have used the Flat Pass area of Mill Creek and Ken's Lake on an annual basis since our inception in 1984 as field sites for both riparian, water quality and prehistoric culture studies.

We support all measures necessary to correct all practices that have or may adversely affect the purity of Mill Creek waters diverted to Ken's Lake for storage and ultimate use by Grand County Water Conservancy users.

The importance of the educational component of this proposed project cannot be overstated. CFI strongly believes that lasting behavioral change stems from individual involvement, understanding and development of personal ethics. Thus, investing in education is essential for creating the sustainable economy, resources and community life that we all desire for our region.

CFI endorses the overall goals of the project: 1) to protect and improve water quality, fisheries and wildlife habitat and to 2) enhance public awareness and understanding of non-point source pollution and water quality issues.

CFI is currently in partnership with Grand County Schools and the National Park Service to conduct the highly successful Moab Outdoor Education (MOE) program for 1-6th grades. The Ken's Lake Plan will provide an opportunity to expand the MOE curriculum to include specific studies on non-point source pollution and water quality.

Grand County Water Conservancy
Ken's Lake Plan
March 13, 1995
page two

Objectives for information and education contained in the Ken's Lake Plan would be met in part through the MOE program. A unit of study on water quality for 5th graders would be developed, meeting Utah Department of Education's core curriculum guidelines for natural resources. This program would be easy to implement given the well-established working relationship with Grand County schools.

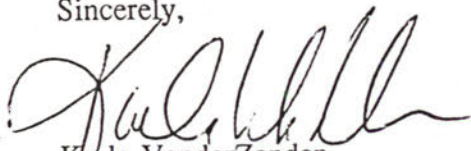
The MOE format involves pre-trip classroom work, 1/2 day field studies, and follow-up reports in the classroom. Instruction is done in small groups by CFI and NPS staff who encourage investigative, hands-on data-gathering and objective discussion by students. Parents and high school students that are involved as field trip assistants benefit from the lessons as well.

Additional mechanisms should be considered to meet the Ken's Lake Project information and educational goals for the public-at-large. Interpretive signs and trails could be considered.

Canyonlands Field Institute pledges to contribute expertise and instructional resources towards the success of the Ken's Lake Water Quality Protection Plan. Once again, we urge the EPA to approve full funding for this most worthwhile project.

Thank you.

Sincerely,



Karla VanderZanden,
Executive Director

cc: EPA/UTAH DEQ Non-Point Source Pollution Task Force



Grand Soil Conservation District

Moab, Utah 84532

3-13-95

Dear Sirs:

The Grand Soil Conservation District would like to encourage your support of the Ken's Lake non-point proposal. The Grand Soil Conservation District has been involved from the conception of the project, and we believe that our water resources and their protection are of major importance.

The Ken's Lake area receives a tremendous amount of use by not only visitors, but local people, especially in the warm seasons. The overuse of the area is evident, the streambank erosion, lack of sanitation facilities, destruction of riparian areas, and uncontrolled use will soon completely destroy the resource around the lake if not addressed quickly.

The fact that over three quarters of a million people will visit Grand County this year, many of whom will use Ken's Lake is fact enough that we need to move as quickly to stop the damage done to the watershed and surrounding area.

Sincerely

George Carter

George Carter
Grand Soil Conservation District
Chairman

UNITED STATES
DEPARTMENT OF
AGRICULTURE

NATURAL RESOURCES
CONSERVATION
SERVICE

PRICE FIELD OFFICE
P.O. BOX 520
MONTICELLO UT 84535

To: Grand County Water Conservancy District
From: Natural Resource Conservation Service
Re: Kens Lake, EPA 319 NPS Grant Application
Dear G.C.W.C.D.

The Natural Resource Conservation Service would like to commit its support for the Kens Lake improvement project. We will commit our local resources for inventory and design of those practices that fit our expertise. We feel that this project will benefit the natural resources of the area and help protect it from further damage from unmanaged recreational use.

Soil Conservationist


Don Andrews



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
82 E. Dogwood
Moab, Utah 84532

1785
(UT-068)

MAR 8 1995

Grand County Water Conservancy District
3025 East Spanish Trail Road
Moab, Utah 84532

We at the Bureau of Land Management would like to acknowledge your efforts and provide this letter of support for continuation of the Ken's Lake Water Quality Protection Plan. It has taken many manhours and a great deal of coordination on your part to bring this project to its current level. Over the past year, we have been working in partnership with your organization and San Juan County to address the need to protect and improve water quality and improve fisheries and wildlife habitat through sediment and nutrient load reduction in Ken's Lake. This area continues to be a focal point for recreation not only by local residents, but for many of our new visitors. The lake and recharge stream provide an important water resource in this desert environment. It not only is becoming important from a recreation standpoint, but also represents an integral part to the biotic community. Through development and implementation of the Water Quality Protection Plan we will be able to ensure the long term health of this important resource.

Sincerely,

Area Manager

Castleland Resource

Conservation & Development Council, Inc.

March 14, 1995

Dale Pierson
Grand County Water Conservancy District
P.O. Box 1046
Moab, UT 84532

Dear Dale,

I am pleased to write a letter in support of the Ken's Lake Water Quality Protection Plan funding request.

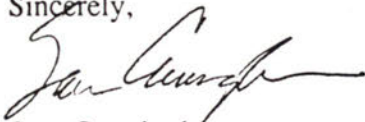
As a former county commissioner, I have first-hand experience with the challenges of managing the resources at Ken's Lake. It is imperative that steps be taken as soon as possible to address a wide variety of resource concerns at the lake as the site continues to experience increasing pressure on fragile resources.

For nearly two years, the RC&D Council has demonstrated support for Ken's Lake through involvement of the RC&D landscape architect in developing a site master plan. Based on input from all identified stakeholders, goals were established for the lake site, and a master plan developed accordingly. Implementation of the plan will ensure that the Ken's Lake site remains functional and uniquely beautiful.

The RC&D Council has further demonstrated support for Ken's Lake by assigning an AmeriCorps member to play a key role in developing the attached proposal.

We are pleased that steps are being taken to seek funding for Ken's Lake. If we can provide additional assistance, please contact the RC&D office.

Sincerely,



Sam Cunningham
Chairperson

cc: Gary Wilson
Don Andrews
Andrea Dyar

UNITED STATES
DEPARTMENT OF
AGRICULTURE

NATURAL RESOURCES
CONSERVATION
SERVICE

PRICE FIELD OFFICE
P.O. BOX 520
MONTICELLO UT 84535

To: Grand County Water Conservancy District
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Re: Kens Lake, EPA 319 NPS Grant Application
Dear G.C.W.C.D.

The Natural Resource Conservation Service would like to commit its support for the Kens Lake improvement project. We will commit our local resources for inventory and design of those practices that fit our expertise. We feel that this project will benefit the natural resources of the area and help protect it from further damage from unmanaged recreational use.

Soil Conservationist


Don Andrews

GCWCD OFFICERS

Gary N. Wilson
Chairman
William D. McDougald
Vice Chairman
Dale F. Pierson
Manager/Operator
Secretary-Treasurer
DIRECTORS
Bobbie Domenick
John W. Groo
David Maki
Karl G. Tangren
James L. Walker

Grand County

WATER CONSERVANCY DISTRICT & SPECIAL SERVICE WATER DISTRICT

3025 E. Spanish Trail Road
P.O. Box 1046
MOAB, UTAH 84532
Phone: (801) 259-8121 • FAX (801) 259-8122

GCSSWD ADMINSTRATIVE
CONTROL BOARD

Gary N. Wilson
Chairman
William D. McDougald
Vice Chairman
George M. White
Secretary-Recorder

DIRECTORS

A. Dan Holyoak
Kevin R. Johnson

March 13, 1995

Dear Sirs,

The Grand County Water Conservancy District wishes to convey it's wholehearted support of the aims, goals and efforts of the Ken's Lake Recreation Committee to improve the quality of water in Ken's Lake, and to improve the quality of life in Spanish Valley and the Moab area by improving the recreation facet of the lake.

The District will cooperate fully with the authorities of San Juan County in order to facilitate the development.

Sincerely,



Gary N. Wilson, Chairman



San Juan County Commission

Ty Lewis - Chairman

Mark Maryboy - Commissioner

Bill Redd - Commissioner

Rick M. Bailey - Administrative Assistant

March 15, 1995

Board of Directors
Grand County Water Conservancy District
3025 East Spanish Trail Road
P.O. Box 1046
Moab, Utah 84532

Dear Gentlemen:

The San Juan County Commission is pleased to provide this letter of support for the EPA 319 NPS Grant Application for the Ken's Lake Area. This grant, if awarded, will provide much needed improvements to the area and visitors of this area, while protecting the water and other natural resources of the area.

We support this application and urge the support for funding this most deserving project.

Very truly,

Ty Lewis, Chairman
San Juan County Commission



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Robert G. Valentine
Division Director

Southeastern Region
455 West Railroad Avenue
Price, Utah 84501-2829
801-637-3310
801-637-7361 (Fax)

March 15, 1995

Mr Dale Pierson
Grand County Water Conservation Dist.
3025 E. Spanish Trail Road
Moab, UT 84532

Dear Mr. Pierson,

We have reviewed your project summary for the Kens Lake Protection Plan and we strongly support your efforts to improve water quality and recreational use.

As you know the Division of Wildlife Resources has managed this reservoir for fishing since it was constructed. We currently stock over 11,000 ten inch and 8,000 five inch rainbow trout each year. This represents a large investment on our part and is a reflection of our commitment to recreation at Ken's Lake. We understand how important this fishing opportunity is to the people in your area. We will continue to stock trout and we will support your activities any way we can.

Sincerely,

Miles Moretti
Southeast Regional

cc: John Maynard