



Detailed Float/Trip Plan
Fifty Miler Canoe Trip on the Green River, Utah
Troop 2, Pikes Peak Council, Colorado Springs, CO
July 25-31, 2004



Our Goal

Introduction:

Members of Troop 2 will be participating in a 50 plus mile canoe trip down the Green River, UT in late July 2004. The Green River trip has been arranged through Tex's Riverways, Moab UT. Tour Leaders are Kirk Nelson and Doug Price. Everyone will read this plan before going. Scouts must realize that they will be more closely supervised on this trip due to the remote location.

Trip Description:

The participating Troop members will travel by private vehicle from our gathering point in Colorado Springs, CO to Moab UT on Sunday, July 25th. There we will camp overnight at the Portal RV Park and arrive at Tex's Riverways facility early in the morning on Monday, July 26th. From the Tex's Riverways facility we will be shuttled to the launch point at Mineral Bottom on the Green River. Tex's Riverways will be providing all of the boating equipment for this trip. This includes, but is not limited to, canoes, PFD's for each participant, paddles, and toilet equipment. All food, clothing and camping gear for this trip are the responsibility of the Troop members.

During the 5-day trip, the participants will paddle down the Green River a distance of approximately 53 miles, arriving at the confluence of the Green and Colorado Rivers before noon on the 5th day. There we will be met by staff members of Tex's Riverways for a return trip to Moab via powerboat. The return trip will be up the Colorado River to the Moab boat docks, followed by a shuttle back to the Tex's Riverways facility.

The Troop members will then camp overnight at the Portal RV Park in Moab and make the return trip to Colorado Springs on Saturday, July 31st. The total driving distance from Colorado Springs, CO to Tex's Riverways in Moab, UT is approximately 425 statute miles, one way. From the Tex's Riverways facility in Moab to the launch point at Mineral Bottom is approximately 25 statute miles.

Cost for the trip is \$190.00 per person at this time.

During the time on the water, the Troop members will be doing service work toward earning the BSA 50-miler award. The award requires a minimum of 10 hours of group oriented service project work. If the minimum time is not met, we plan to spend service time in Colorado Springs picking up trash. The detailed information on the award is included on the next page.

Contact information for Tex's Riverways:

P.O. Box 67
Moab UT 84532
(435) 259-5101 (Monday-Saturday, 9-5)

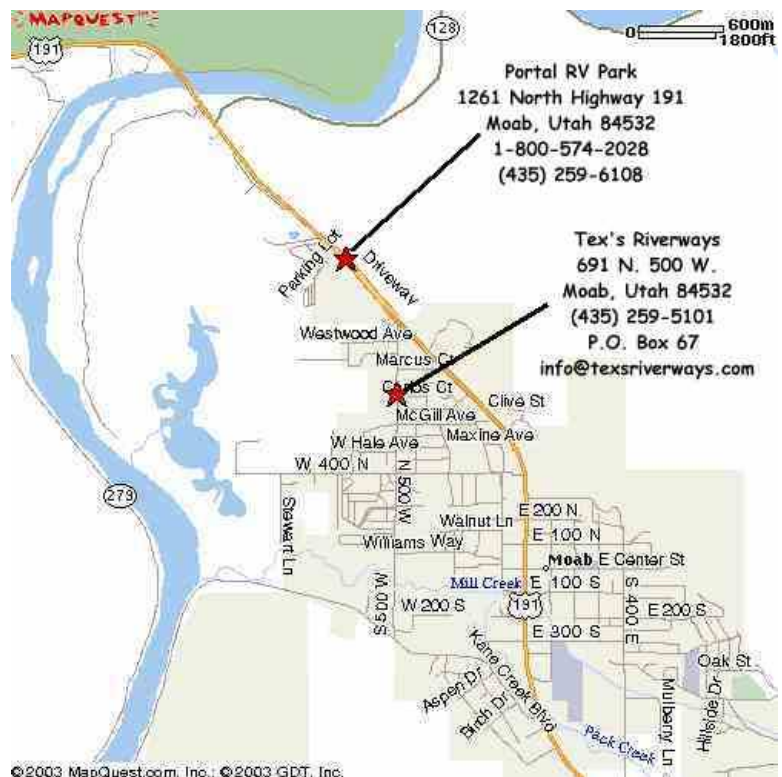
e-mail: info@texsriverways.com
or lindirka@moci.net

web site: <http://www.texsriverways.com>

Location:

691 N. 500 W

Turn right on 500 West, at the Denny's restaurant on Hwy 191 on the north end of town, go about 1/4 mile and look for Tex's on the right.



Important Dates:

June 7, 2004, Monday	First Planning meeting. Sign up for the trip closes
June 27, 2004, Sunday to July 3, 2004, Saturday	Troop 2 at Camp Chris Dobbins Canoeing merit badge earned by some (skill proficiency training)
July 8, 2004, Thursday	Second Planning meeting (Adults)
July 9, 2004, Saturday	Tour Permit application and float plan submitted to Pikes Peak Council Final copy of the float plan distributed to all parents of participants
July 10, 2004, Saturday	Safety Afloat/Safe Swim training at Council Office, 9am-12pm
July 12, 2004, Monday	Safety Afloat/Safe Swim training by Bruce Roberts at Scout Meeting
July 12, 2004, Monday	Canoe Planning Meeting after Scout Meeting. All payments due ASAP.
TBD	Skills proficiency training (required for all scouts and adults)
July 17, 2004, Saturday	Lifesaving and Swimming from 12-3pm (Swim Test), Cheyenne Mountain Pool
July 19, 2004, Monday	Canoe Planning Meeting. Bring all gear packed and ready to go on the trip.
July 20, 2004, Tuesday	Call Tex's to make sure there haven't been any changes (ex: fire ban)
July 22, 2004, Thursday	Last Canoe Planning Meeting. Bring all gear packed and ready to go on the trip.
July 25, 2004, Sunday	Leave for Utah from Chapel Hills Mall lot, West side, near Sears at 7:00am
July 31, 2004, Saturday	Return to Colorado Springs

50 Miler Award Requirements:

Troop 2 will attempt to qualify for the 50-Miler award during this trip by meeting the following requirements:

The 50-Miler Award is presented to each qualifying individual for satisfactory participation in an approved trip. In order to qualify for the award the group of which the individual is a member must fulfill all of the following requirements.

1. Make complete and satisfactory plans for the trip, including the possibilities of advancement.
2. Cover the trail or canoe or boat route of not less than 50 consecutive miles; take a minimum of 5 consecutive days to complete the trip without the aid of motors. (In some areas pack animals may be used.)
3. During the time on the trail or waterway, complete a minimum of 10 hours each of group work on projects to improve the trail, springs, campsite, portage or area. If after checking with recognized authorities, it is not possible to complete 10 hours each of group work on the trail, a similar project may be done in the unit's home area (There should be no unauthorized cutting of brush or timber.)
4. Unit or tour leader must then file a 50-Miler Award application with the local council service center. This application gives additional details about planning the trip.



Participants:

We are limited to 20 participants for this event. This includes all of the Scouts and adults. This limitation is based on the available room in the boats for the return trip.

Adult Leaders:

Leader	Spouse	Phone Numbers	Training/Expiration	Paid
1. Norm				X
2. Kirk			Safety Afloat / July 2006	X
3. Doug *				X
4. Tom *			Safety Afloat / May 2005	X
5. John			CPR (DC) / August 2004	X

Scouts Attending:

Scout	Phone Numbers	Parents	Paid
1. Sean			X
2. Ethan			X
3. Jeff (Planning) *			X
4. Shane			X
5. Travis (SPL) *			X
6. Everett			X
7. Karl			X
8. Jeff (Planning) *			X
9. Andrew (Quartermaster) *			X
10. David			X
11. Skylar (SPL)			X

* Individuals that have completed this trip before

Emergency Contacts:

Contact	Home Number	Work Number
Rich (Scoutmaster)		
Bruce (Committee Member)		
Tex's Riverways		435-259-5101
Canyonlands National Park Service		435-259-4351 or 719-2313
Grand County Sheriff (Moab)		435-259-8115 or 259-5612
Emery County Sheriff (Green River)		435-564-9669 or 748-2404
Utah Department of Public Safety		435-637-0893 or 801-637-1621

Iridium Satellite Phone

We are renting an Iridium Satellite Phone from Mobal Communications to be used in case of an emergency.

The Satellite number is: 8816-3145-6994

There are two ways to reach the Iridium. One is to dial 011 before the number. Example: 011-8816-3145-6994

The other way to reach the Iridium is through a provided Arizona number. The number is: 480-768-2500

This number is automated, and it will ask for the Iridium number that is trying to be reached.

Begin dialing with: 8816...

To call from the Iridium, you must dial 001 before the area code and number. Example: 001 719 555 1234

The Iridium can also receive text messages. Go to www.iridium.com and select "Send a Satellite Message."

Trip Itinerary:

Approximate time	Description
Sun., July 25, 7:00 AM	Depart from Chapel Hills Mall (Sears Parking Lot) using personal vehicles.
Sun., July 25, 10:30 PM	Stop for lunch at Hanging Lake Rest Stop, ~10 miles east of Glenwood Springs on I-70.
Sun., July 25, 5:00 PM	Arrive in Moab. Camp at Portal RV's group campsite, near Tex's Riverways.
Mon., July 26, 6:00AM	Revile. Cold breakfast. Break camp. Depart no later than 7:30AM.
Mon., July 26, 8:00AM	Arrive at Tex's Riverways, Moab, UT. Personal vehicles will remain at this location until picked up on July 30 th .
Mon., July 26, 8:15AM	Depart Tex's on company bus transportation with all equipment.
Mon., July 26, 10:30AM	Arrive at the Mineral Bottom Put-In location.
Mon., July 26 – Fri, July 30	Paddle down the Green River. Must arrive at the take out point before 12PM on Friday.
Fri, July 30, 12:00 PM	Meet the Staff of Tex's Riverways at the take out point near "The Confluence" of the Green and Colorado Rivers. Board their power boats for the return trip up the Colorado River back to Moab.
Fri, July 30, 5:00 PM	Arrive back at Tex's Riverways in Moab, UT. Depart for campsite in personal vehicles.
Fri, July 30, 5:30 PM	Arrive at the Portal RV's group campsite in Moab. Set up camp. Dinner.
Sat., July 31, 7:00 AM	Revile. Breakfast. Break camp.
Sat., July 31, 8:00 AM	Depart Moab, UT for return trip to Colorado Springs.
Sat., July 31, 12:30 PM	Stop for lunch in Glenwood Springs. All should be prepared to purchase a fast food lunch.
Sat., July 31, 6:00 PM	Arrive at the Church Parking Lot, Colorado Springs. Parents present to pick up Scouts.

Scout Requirements:

Scouts: 1st Class (or completion of 1st Class requirements on Venture Trip) and trip required merit badges.

Senior Scouts: 3 Eagle required merit badges or 3 outdoor oriented merit badges or 1 rank advancement.

Trip required merit badges.

Trip required merit badges/skills: 1st Aid, Swimming, Lifesaving (skills), Orienteering (skills), Canoeing (skills), and Wilderness Survival.

Attendance Requirements: Meetings; 75% attendance required (Feb 3 – Jun 30). Campouts; 50% attendance required (March, April, May, June)

Adult Requirements:

BSA Youth Protection, BSA Safety Training.

BSA Registered as either: Leader, Committee Member or Merit Badge Counselor

Minimum 1 campout with Troop 2 during Jan-Jun 03 campouts

Active participation in Spring/Summer Troop meetings

Good Physical Condition

Swimmer (can pass BSA Swim check)

BSA Safety Afloat & Safe Swim Defense:

On this trip the members of Troop 2 will be following the guidelines established in the BAS Safety Afloat and Safe Swim Defense programs.

1. **Qualified Supervision (SA & SSD):** We have met this requirement of at least two trained supervisors over 21 years old (Kirk, Doug and Tom), and two trained in CPR (Norm & John). In addition, all of the Scouts participating have had recent CPR training and all have earned or are working on the lifesaving merit badge.
2. **Physical Fitness (SA & SSD):** All Scouts will have current medicals from attending summer camp.
3. **Swimming Ability, Ability Groups (SA & SSD):** All Scouts and adults are swimmers. There will not be any non-swimmers or beginning swimmers on the trip. All Scouts have earned the swimming merit badge. All adults will pass the BSA swim test during the skills proficiency training.
4. **Personal Flotation Equipment (SA):** All PFD's necessary are provided by Tex's Riverways. Spare PFD's will be available incase one is damaged or lost on the river, or for use in a throwing rescue. During any swim time at a campsite, PFD's will be worn by all in or near the water, including the lifeguards, because we will be swimming in on moving water.
5. **Buddy System (SA & SSD):** All Scouts will use the buddy system at all times when they are outside the area immediately around the troop campsite and at all times on the water. These boundaries will be determined and communicated when the campsite is setup. When on the water, each boat will also have a buddy boat. In the event of an odd number of boats or scouts, three will buddy together.
6. **Skill Proficiency (SA):** All scouts have already earned the canoeing merit badge or are signed up for it at summer camp in early July (before this trip). The merit badge may not be fully earned at camp, but the scouts are expected to gain the necessary skills to operate the canoes for this trip. An adult training session will be planned as necessary to provide the necessary skills training. Location and date are TBD.
7. **Planning (SA):** This document contains the results of all the planning for this trip. It will be finalized by July 12th and copies distributed to all families of those participating and to the troop committee. One copy will be attached to the tour permit that is submitted to the Pikes Peak council. Additional copies will be available on the troop web site at <http://troop2.homestead.com/50miler.html>.
8. **Equipment (SA):** Most of the equipment is being provided by Tex's Riverways. This includes all boats, paddles and PFD's. Ropes and rope throw bags will be used for lifesaving equipment while swimming.
9. **Pre-swim exploration of swim area (SSD):** A check of the swim area at a camp site will be performed by the group before any swimming is permitted.
10. **Lifeguards (SSD):** Because of the numbers in the group on this trip, we will not need more than two lifeguards at any time. Due to the location and logistics, poles for lifesaving will not be available (though other poles for lashing will be taken). Ropes from the troop bag will be used to implement the "line and tender" method. We also have two rope throw bags available.
11. **Lookout (SSD):** One of the adults will serve as the lookout. The location for the lookout will have to be made onsite.
12. **Discipline (SA & SSD):** Discipline will be enforced with the goals "safety first, fun second". All adults will enforce this discipline for Scouts while on the trip. Adult discipline issues will be handled by committee as necessary.

Personal Equipment list:

In June-August daytime temperatures range from mid 80's to high 90's. Temperatures in the 100's are possible especially in July and August. Low humidity and perfect water temps for swimming make these summer days more comfortable. Nights cool off to pleasant high 50's to mid 60's. Most precipitation falls in late summer and early autumn thunderstorms.

PACK:

Will not need to take a regular pack. Take a Day Pack and/or Fanny Pack for items you will need during the day. You will need a waterproof bag(s) for your gear. Wal-Mart has the Texsport yellow float bags for a very reasonable price. 22"x30" for \$12.96 and 25"x43" for \$24.96. The same bags at most outdoor specialty stores cost more.

SHELTER:

Tent/Poles (No High Profile Family Tents!), Mosquito Netting, Space Blanket, Tarp and/or Ground Cloth, Long sand tent stakes for those windy nights, Something for shade (tarp, poles, rope, etc.)

SLEEPING BAG:

Sleeping Bag, Stuff Sack/Compression Sack, Ground Pad, Space Blanket

ESSENTIALS:

- Water and/or Water Purification (container) (will need about 1 gallon per person per day) Suggest the 7 gallon Reliance container and at least 1 water bottle (2 or more would be better).
- Waterproof Matches, Fire Starting Gear
- Maps (the Troop has 2 sets of Quad maps)
- Compass
- GPS (optional)
- Whistle
- Signal Mirror
- Nylon Cord/Rope
- Pocket Knife



- Space Blanket
- Extra Food
- Extra Clothing
- Sunglasses
- Boots
- Shoes to wear in canoe
- Sunscreen (at least SPF 45+)
- Hat (wide brim preferred)
- Vitamins
- Any Special Medications (i.e. inhaler, etc...)

COOKING EQUIPMENT:

- Stoves (white gas only) A list of who will bring stoves is in this document
- Fuel, Bottles, Matches/Lighter, Stove Funnel
- Pots/Pans, Fry Pan, Utensils
- Ziploc Bags
- Can Opener
- Knife/Fork/Spoon/Chopsticks
- Pot Grips/Gloves
- Cup
- Cutting Board (optional)
- Scrub Pads
- Biodegradable Soap
- Aluminum Foil
- Spice Kit
- Knife
- Storage Containers
- Paper Towels
- Freeze Dried Foods
- Towel/Washcloths
- Large Stuff Sack and 50 ft of Utility Cord for Bear Bagging, etc.

CLOTHING:

- Socks
- T-shirts
- Shorts
- Long Sleeve Shirt (Required)
- Trousers/Long Pants
- Swim Suit
- Jacket/Windbreaker
- Underwear
- Raingear
- Hawaiian Shirt for last day on the river
- Gloves (use while paddling)
- Hat (or two) with visor/brim
- 2 Pairs of shoes (1 to wear in canoe to get wet, one to have a dry pair in camp)

You need to dress for desert conditions. Clothing helps reduce fluid loss, gives protection from sunburn, and is also a barrier against insect bites. Long sleeve shirts and pants give more protection from insects than T-shirts and shorts, and will help prevent sunburn during the day. Clothing should be light and loose fitting so there is a layer of insulating air. Sweating will then cool you more efficiently. A hat should be able to protect the head and the back of the neck. Limit the wear of sandals during the day, as they leave the top of the foot exposed. Sunscreen needs to be applied to exposed skin several times a day, especially after getting wet.

PERSONAL FIRST AID:

There will be 2 comprehensive Troop first aid kits available and 1 personal comprehensive first aid kit as well, but each person should plan to have a minimum kit for themselves.

- Sunscreen (at least SPF 45+)
- Tweezers
- Sterile Gauze Pads
- Bandage Assortment
- Ace Bandage
- Pain Reliever
- Moleskin
- Insect Repellent
- Antibacterial
- Cleaning Pads
- Adhesive Tape
- Sunburn/Burn Cream/Aloe Vera Lotion
- Lip Balm
- Salt or Salt Tablets
- Prescriptions, etc.

Dizziness and/or shallow breathing may be the first signs of heat exhaustion, and can be due to lack of body salt produced by excessive sweating, or not drinking enough water. If you are not getting enough salt, drink water with a little salt dissolved in it (only a pinch of salt to a pint of water).

MISCELLANEOUS or OPTIONAL:

- Bandanna
- Flashlight/Candles
- Camera/film/lens
- Binoculars
- Repair kit
- Sewing Kit
- Fishing Gear (w/fishing license if over 14)
- Paper/Pencil/Pen (for journaling)
- Trash Bags
- Towels/Soap
- Washcloth
- Toilet Paper (not on roll)
- Reading Material
- Paper and Pencil
- Personal Toiletries (toothbrush, toothpaste...)
- Moist Towelettes
- Coins or Card for Phone
- Watch or Clock
- Safe Signal Day/Night Mirror
- Money
- Small Shovel
- Duct Tape
- Hiking Stick
- Whisk Broom
- Padded Canoe Seat
- Playing Cards for Rainy Days
- Squirt Gun (for cooling off games)
- Rescue Throw Bags w/rope
- Talk about walkie-talkie
- Permanent Marker
- Field Books
- Hiking Guides and Maps (The troop has 2 sets of quad maps that will be used)

Troop Gear:

- American Flag
- Poles for flag and/or bear bags
- Tents and Tarps
- Trash Bags
- First Aid Kits (2)
- White Gas Stove (On list below)
- Fire Pan and charcoal

TRAVEL:

- Telephone Numbers
- Medical Records
- Coins, and Cash for lunch on return drive, and any other food or snacks during car travel.
- Day pack or Fanny pack for hike to Hanging Falls during lunch on the 23rd
- Bag with clean clothes to change into for return trip on the 29th. (These will be left in the vehicles)
- Identification
- Travel snacks and drinks (preferably water and/or sports drinks)

Prohibited Items:

- Firearms, archery equipment, pellet or BB guns, slingshots, etc.
- Expensive or irreplaceable items that you do not want to get wet, dirty or broken – i.e., expensive camera or camcorder, etc.
- Electronics – Entertainment gadgets like cd players, tape player, game boys, etc.
- Skateboard, mountain board, scooter, etc.
- Anything that violates the values of Scouting.
- Secret stash of food. All food needs to stay together and will be put in bear bags at night.
- Clothing with artwork or messages not consistent with Scouting values – e.g., shirts that promote tobacco, alcohol, drugs, or the Dallas Cowboys.

Note: The Boy Scouts of America prohibits the use of alcoholic beverages and controlled substances at encampments or activities on property owned and/or operated by the Boy Scouts of America, or at any activity involving participation of youth members. Adult leaders should support the attitude that young adults are better off without tobacco and may not allow the use of tobacco products at any BSA activity involving youth participants. All Scouting functions, meetings, and activities should be conducted on a smoke-free basis, with smoking areas located away from all participants.

White Gas Stove List:

- Tom Tindell
- Doug Price
- Troop 2
- Jeff Lubbers
- Andrew Tyler
- Kirk Nelson

For a total of 6 portable stoves to use. Stoves should be filled prior to departure.

FOOD

Final food preparations will be determined during planning meetings. A meal schedule will be made ahead of time. Individuals are responsible for their own meals and planning, but may plan in groups. Dinner will be a community meal. Meals listed do not have to be made in the order given:

July 25 (Trip to Moab and overnight campsite)	Lunch: While enroute to Moab (Sack Lunch) Dinner: Troop meal in Moab campsite (Optional: Food bought in Moab)
July 26 (Day 1)	Breakfast: In Moab campsite. Quick individual meal. Take snacks to eat on the way to the start point. Lunch: No-cook meal Dinner: Bratwurst, Tortillas, Baked Beans
July 27 (Day 2)	Breakfast: Individual meal Lunch: Individual no-cook meal Dinner: MRE's
July 28 (Day 3)	Breakfast: Individual meal Lunch: Individual no-cook meal Dinner: Spaghetti w/ Sauce and Hamburger
July 29 (Day 4)	Breakfast: Individual meal Lunch: Individual no-cook meal Dinner: Chicken and Rice w/veggies
July 30 (Day 5)	Breakfast: Individual meal Lunch: Individual no-cook meal during return trip to Moab Dinner: Troop meal at Pizza Hut in Moab (Bring \$ each for this)
July 31 (Return to Colorado Springs)	Breakfast: In Moab campsite. Quick individual meal Lunch: While enroute to Colorado Springs (Have Money)

Note, 2 MREs per person are available. There are also at least 2 Ready to Eat meals available per person as well.

Here are some ideas to think about:

-Camping Store Foods (REI, Galyans, etc.): Freeze-dried and dehydrated foods. Pro: light, compact and nourishing. Con: cost.

-Grocery Store foods: With careful shopping, you can put together high-energy meals that weigh little more than camping store foods, and cost far less. Consider some of the following:

Breakfast

- Cold cereal (non-crushable)
- Granola (make your own)
- Instant hot chocolate or tea
- Pancake flour
- Precooked bacon
- Hot cereal (individual serving packets)
- Dried fruit
- Instant breakfast drink (add powdered milk)
- Powdered eggs
- Canned meat

Lunch

- Power bars
- Jerky
- Dried fruit
- Crackers or sea biscuits
- Nuts
- Fruit drink mix

Trail Snacks

- Granola bars
- Dried fruit
- "birdseed" (nuts, raisins, chocolate)
- Drink mix

Dinner

- Instant potatoes
- Dried beef
- Dried mixed vegetable flakes
- Instant and/or quick-cook puddings
- Quick-cook rice, noodles, macaroni
- Canned tuna, chicken, ham
- Soup mix
- Drink mix

Here's one way to put foods together for a day:

Breakfast

Crawl out of the tent at dawn, fire up the stove, and boil a pot of water. Use some of it for a hot drink, and some for quick-cook oatmeal. You can also add raisins, honey or sugar, powdered butter, and a little powdered milk. The remaining hot water goes for clean-up.

Trail Snacks

During the day, stop every once in awhile for a handful of "birdseed" and a sip of water. The "birdseed" gives you a constant source of energy, while the water replenishes fluids.

Lunch

Find a nice overlook or shaded area for mid-day break. Have a Power bar, dried fruit and/or jerky. Wash it down with plenty of liquids.

Dinner

After pitching tents and making camp, heat water for instant soup or other instant meal. While it is warming, combine powdered milk and water with instant pudding mix and set it aside to firm up for dessert. (For quicker results, set the pot in shallow water at the edge of a cool stream). While sipping soup, start a pot of hot water for noodles, and add some dried beef, tuna, or bits of jerky. You can also add some dried mushrooms or other vegetables. Let it simmer a bit and then dig in. As you eat heat water for clean-up. Use sand or a scrub-pad to scour pots and utensils, and a little biodegradable soap to cut grease. Boiling water will kill any lingering germs. Scatter dirty dishwater over a wide area far from sources of fresh water.

No-Cook meals

To get an early start on the trail and to avoid lengthy stops for lunch, plan some meals that require no cooking.

Repackaging food

Most grocery store food is packaged in a way that takes up space. By disposing of the containers and wrappings, you can eliminate weight and a lot of bulk while organizing. Get a supply of plastic food storage bags of various sizes and divide your supplies into portions, each one large enough for one meal. Fill a bag with exactly the right amount of food to feed the crew. Mix in any appropriate additions (powdered milk, dried fruit, etc.). Before you close the bag, write cooking instructions on a slip of paper (or cut instructions from original container) and put that in too. You can then put all of the repackaged food for each meal into a larger bag and label them appropriately. Example: "Dinner – Day One". That way you will know exactly what food you have, how to prepare it, and when to eat it.

Extra Food

We will pack some extra food in case of an emergency. These should be food that does not require cooking (jerky, dried fruit, granola bars, etc.). We may also have opportunities to gather some of our own food as well (fish, etc.)

Food will be packed into one day rations before the trip in waterproof containers (zip-locks).

Waste Disposal and Campfires

We are required that ALL solid human waste (feces) and all campfire charcoal be hauled out of Canyonlands National Park and Labyrinth Canyon. The current regulation requires that all parties traveling along The Green and Colorado Rivers will use a waste haul out system which will enable the group to pack out all human solid waste and at trips end dispose of the waste through authorized sewer systems, i.e., RV dump stations or by flushing down sewer clean outs. We will be supplied with a complete waste system including; toilet seat, waste container and deodorizing chemicals. The only item YOU NEED TO BRING is TOILET PAPER.

A fire pan is required for all wood and charcoal fires.

SAFETY CONSIDERATIONS FOR CANOEING IN CANYONLANDS

- 1) Everyone will wear a life vest **AT ALL TIMES**. It is required by law that each person has a Type 3 life vest within reach.
- 2) To avoid the loss of equipment use of tie down lines or bungee cords to secure your gear inside the canoe at all times while canoeing.
- 3) A portable water vessel such as a bucket or pail is **REQUIRED** for bailing, settling river water or extinguishing campfires.
- 4) **THE IMPORTANCE OF SECURING YOUR UNATTENDED BOAT CANNOT BE STRESSED ENOUGH.** When leaving a canoe unattended for any length of time **ALWAYS** tie it with bow and stern lines to a secure tree, rock or to a dead man anchor point. Check the security of all lines before going to bed. Where possible it is best to pull canoes completely out of the water, even when taking short walks away from the river.
- 5) **DO NOT CANOE IN HIGH WIND CONDITIONS. MORE PARTIES CAPSIZE DUE TO CANOEING IN HIGH WINDS THAN ANY OTHER SITUATION.** If you are in a situation that leaves you no option then stay as near to the shoreline as possible otherwise go ashore for safety.
- 6) Due to the possibility of desert **FLASH FLOODS** exercise extreme caution when selecting a campsite in or near side canyons. **NEVER** camp or leave your canoe unattended in canyon drainage no matter how calm the weather may seem to be.
- 7) When camped on a sand bar it is recommended that you place your camp away from the water's edge a minimum of 10 ft. Choose a sand bar that is 2 ft. or more above water level. Fluctuations in water level in the main river channel of more than 1 ft. in an overnight period are very rare.
- 8) It is **REQUIRED** that you have a detailed river map in your possession at launch time. (We have two maps)
- 9) In the event of a medical emergency or other such problem during your trip continue on to a pick-up point. Ground transportation is readily available at Ruby Ranch and Mineral Bottom. Jet boats are at the Confluence several days a week. **DO NOT ATTEMPT TO HIKE OUT FOR HELP.** Seek out other canoers for help and communication of your emergency to outside resources. (We will also have a satellite phone)
- 10) All swimmers will wear a floatation device. State law requires persons swimming from a boat to wear a life vest.
- 11) Be aware of all water and sun hazards. Swim at your own risk. Never jump or dive into the river. Wear shoes at all times while swimming or bathing. Protect yourself from the sun with suitable clothing. Sun glasses, hats and sun screen are advised.
- 12) The **BUDDY SYSTEM** will be used. Every person will have a buddy in the canoe with them. Every canoe will have a buddy canoe as well.

The following information is from the Moab Area Travel Council:

If someone in your group becomes seriously injured or too sick to continue the trip, an evacuation may be necessary. Stop all passing trips and tell them of your situation, as there may be someone on the situation, as there may be someone on the may encounter park rangers on patrol and relay your request for assistance. Another way to get help is to signal an airplane from the river. Pilots may call the Moab airport by radio to relay a message to the Sheriff for managing agency. Effective methods of signaling aircraft are with a signal mirror or by placing life jackets or two international orange panels 3 x 10 feet in a large "X" pattern on the beach or sandbar. Although your best chance of getting help is to stay on the river, you should be aware of roads leading to the river. These roads are remote and infrequently traveled. A primitive road runs next to the river from Hell Roaring Canyon (mile 55.5) past Mineral Bottom take-out (mile 52) to Hardscrabble Bottom (mile 43). In Stillwater Canyon in addition to the road to

Hardscrabble Bottom, a seldom-used road reaches the river from the west at Millard Canyon (mile 34). This road can also be reached by way of a hike from Anderson Bottom (mile 32). At Queen Anne Bottom (mile 32.5) a short, one-half mile road leads to the White Rim four-wheel-drive road. At any of these roads you may have to wait hours, or even days, for a vehicle to pass. Your chances are best along the White Rim Road east of the river.

Do not attempt to hike away from the river for help unless you have adequate water and accurate maps. Be certain you know where you are going and explain your plan and route to others in your group.

LOW IMPACT CAMPING RULES & REGULATIONS (Desert Etiquette)

- 1) Campfires must be contained in a fire pan.
- 2) Human waste (feces) **MUST** be containerized and carried out.
- 3) **PACK OUT ALL TRASH** including food scraps.
- 4) Do not swim in potholes or pollute side streams with soap and oils. Soap (preferably biodegradable) may be used in the river.
- 5) Purify all water before drinking.
- 6) When hiking away from the river use existing game or foot trails, slickrock or washes. Avoid walking on cryptogamic soils. (Cryptogamic soil is a thin crust made up of mosses, lichens, algae, and bacteria that make up a habitat referred as a cryptogam. It is found in unvegetated areas between shrubs, grasses, and flowering plants in undisturbed arid and semi-arid lands of the world. Cryptogams function as soil builders. They form a spongy layer that helps protect soil from erosion, absorbs moisture, and provides nitrogen and other nutrients for plant growth. When large areas of the cryptogamic crust are disturbed, water and wind erode the soil. Detached pieces of crust have little chance for reattachment.)
- 7) **COLLECTING ARTIFACTS** of any type is **AGAINST THE LAW**. Do not disturb or deface natural features or archaeological sites.
- 8) Firearms, archery equipment, pellet or BB guns, slingshots, etc. are prohibited

JET BOAT PICK-UP PROCEDURE

- 1) Be very aware of our **SCHEDULED** pick-up date and time. Unscheduled late pick-ups due to negligence can cause extreme logistic problems and will be at our expense.
- 2) Wash out your canoe at your pick-up point. (Periodic canoe cleaning during the trip will make this easier.) There will be a broom on board to help dust off your gear.
- 3) There is an established a weight limitation of 50 lbs. of equipment per person at our pick-up point. This limitation applies to our weight at pick-up only, where food and water supplies will be depleted. There can be an additional fees charged if we grossly exceed this weight limitation.
- 4) Pick up for Green River canoers is on the Colorado River anywhere between the Confluence and Spanish Bottom. This is a stretch of calm water about 4 miles long upstream from Cataract Canyon. We need to choose a location that will accommodate our jet boat. Ideally the shoreline should be sandy and free of rocks and the water about hip deep 10 ft. off the shoreline.

Maps: Driving Directions, Colorado Springs, CO to Moab UT (420 Miles):



Colorado Springs to Moab

DIRECTIONS	DISTANCE
1: Start out going West on BRIARGATE BLVD toward N ACADEMY BLVD/ CO-83.	0.20 miles
2: Turn RIGHT onto N ACADEMY BLVD/ CO-83 N. Continue to follow N ACADEMY BLVD.	0.41 miles
3: Merge onto I-25 N/ US-87 N toward DENVER.	43.70 miles
4: Merge onto CO-470 W via exit number 194 toward GRAND JCT.	26.59 miles
5: Merge onto I-70 W toward GRAND JUNCTION.	310.76 miles
6: Take the US-191 exit- exit number 180- toward MOAB.	0.37 miles
7: Turn LEFT onto US-191/ UT-128. Continue to follow US-191.	29.22 miles
8: Stay straight to go onto N MAIN ST/ US-191.	0.67 miles

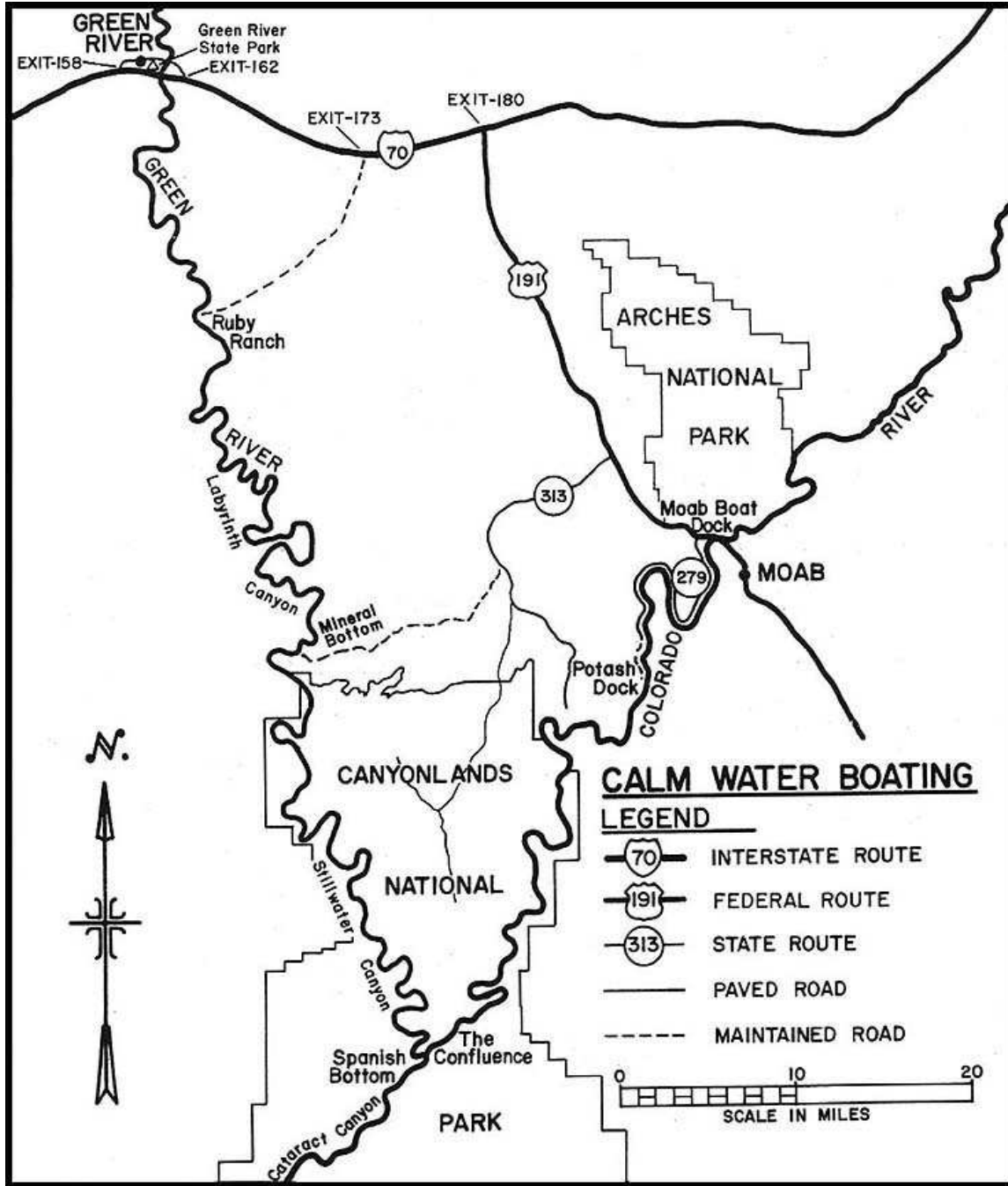
Moab to Colorado Springs

DIRECTIONS	DISTANCE
1: Start out going Northwest on N MAIN ST/ US-191 toward US-191.	0.67 miles
2: Stay straight to go onto US-191.	29.12 miles
3: Merge onto I-70 E toward GREEN RIVER.	309.89 miles
4: Merge onto CO-470 E via exit number 260 toward COLO SPGS.	25.94 miles
5: Take the I-25 exit toward DENVER/ COLO SPRINGS.	0.17 miles
6: Merge onto I-25 S toward COLO SPGS.	52.38 miles
7: Take the BIJOU STREET exit- exit number 142- toward DOWNTOWN.	0.22 miles
8: Turn LEFT onto W BIJOU ST.	0.14 miles
9: Turn SLIGHT RIGHT onto W KIOWA ST.	0.50 miles
10: Turn LEFT onto N WEBER ST.	0.09 miles
11: Turn LEFT onto E BIJOU ST.	0.08 miles

Lunch on the 25th, at Hanging Lake Rest Stop:

To reach it from the east, we will get off at exit 122 (Hanging Lake/Grizzly Creek exit), approximately 7 miles east of Glenwood Springs, and then get back on the highway going eastbound and exit at 125.

Green River Area, Utah:



Fishing Regulations and Prices:

Fishing Licenses for Non-Residents of Utah		
LICENSE	PRICE	DESCRIPTION
2004 Non-Resident 7 Day Fishing License	\$32.00	The seven-day license is valid for seven consecutive days from the effective date indicated on the license. A person (resident or non-resident) under 14 years of age may: (a) fish without a license and take one half of a bag and possession limit; or (b) Purchase a license and take a full bag and possession limit.

The main fish in this area is catfish. Limit is 24.

Duty Roster

	Group Dinner - Cooking	Group Dinner - Cleaning	Secure Canoes	Portable Toilet
Day 1				
Day 2				
Day 3				
Day 4				
Day 5				

Official trip pirate map

