

# **Lake Red Rock**

# **Volunteer Handbook**

**Lake Office (641) 828-7522**  
**Park Ranger Cell (641) 891-4869**



**US Army Corps  
of Engineers®**  
Rock Island District

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**US Army Corps  
of Engineers®**  
Rock Island District

## **Welcome!**

Each year, the recreational opportunities available at Lake Red Rock are greatly enhanced by our dedicated service team. Thank you for joining this special group of public servants. As you perform your unique service each day, please remain aware of how truly grateful we are of your many efforts and valuable contributions.

Since its inception in 1997, our volunteer program has grown to include almost 30 positions and boasts a team of over 50 dedicated people. To date, over 70,000 hours of service have been logged by work campers at Lake Red Rock. Nation-wide, volunteer service has become essential to the U.S. Army Corps of Engineers mission. Last year alone, 41,595 volunteers provided 1,517,613 hours of service at Corps managed facilities across the nation. This generous service provides a tremendous value to the citizens of this great country. Please be assured that your efforts are sincerely appreciated by our staff and by the members of the general public that reap the benefits of your labor.

We hope that you will enjoy your time here with us. Project administration and staff are committed to make that possible. Our mission is to do everything we can to make your service rewarding and enjoyable.

Volunteer positions at Lake Red Rock are tailored to afford opportunity to experience the multitude of recreational prospects that the area offers. Our volunteers typically find great satisfaction in the camping lifestyle that the program offers. Our hope is that you will form lasting relationships with your teammates and cherish your time in the outdoors.

Please be candid in providing feedback to us as we continually strive to refine our volunteer program. Working as a team, we can offer our visitors the high level of service that they deserve. As the season progresses, please share any comments or suggestions that might enhance our program.

This handbook is designed to orient you to Lake Red Rock and answer questions about your volunteer service. This is a work in progress, so be sure to inform your volunteer coordinator of any additional information you would like to see included in future editions.

Thanks again for your willingness to serve the public at Lake Red Rock. Each day, please enjoy all that our project has to offer!

Welcome to Lake Red Rock,  
Project Staff

## **What the US Army Corps of Engineers expects of you:**

The US Army Corps of Engineers values its volunteers greatly and realizes that volunteers are often the first, and sometimes the only, representatives of the Corps with which the public has contact. With this in mind, the agency places a great emphasis on the conduct and appearance of its volunteers.

### **Conduct**

The US Army Corps of Engineers is a federal agency that upholds the highest standards of conduct for its employees. As a volunteer, you are representing the agency to the public; therefore, you are expected to uphold the highest standards of behavioral conduct:

- a. Represent the agency in a professional and positive manner.
- b. All members of the public are to be treated with respect and dignity. Discrimination of any sort will not be tolerated.
- c. Use appropriate language at all times. Language that may be deemed offensive, derogatory, lewd, or inappropriate in any other way will not be tolerated.
- d. Know your job. Answer questions courteously and correctly. If you don't know an answer, advise the customer that you will attempt to find the answer and get back to them.
- e. Smoking and use of tobacco products is prohibited in public buildings.
- f. Alcohol and non-prescribed medications may not be consumed during duty hours.
- g. For security reasons, only fee attendants, fee booth hosts, and Park Rangers are to be inside fee booths.
- h. Fee booth telephones are to be used only for purposes associated with the service that you are providing.
- i. Volunteers must follow all safety guidelines provided by the Corps of Engineers.

The volunteer coordinator will address any complaints received regarding volunteer misconduct by meeting individually with the volunteer involved. Reports of misconduct will be handled on a case-by-case basis and may be grounds for termination from the volunteer program. The Corps reserves the right to release any volunteer from his or her duties at any time.

### **Dress Code**

Upon beginning your service as a volunteer, you will be issued a volunteer uniform. You will be provided with one volunteer shirt for each day of service provided per week and a volunteer hat (if desired).

While on duty, volunteers must wear their volunteer shirts. The volunteer nametag must also be displayed clearly on the front of the shirt. No other pins, except volunteer awards, are to be worn while on duty. Wearing of the hat is optional, but if a hat is worn, it must be the volunteer hat provided. Volunteers may wear either clean pants or shorts in good condition. Overall, volunteers are expected to maintain a neat, clean, and professional appearance. A neat and professional appearance does much to promote a positive public image.

## Management

- a. Volunteers are encouraged to attend orientation sessions in April and monthly meetings during the summer.
- b. Service records, reimbursement requests and comment sheets are to be turned in at the end of each month. They can be submitted to the volunteer coordinator via the projects “Ranger Mail” system. Campground fee attendants have envelopes for this use.
- c. All members of our volunteer team must treat each other with dignity and respect. If issues arise, consult your volunteer coordinator for assistance.
- d. Volunteer positions are reopened each year for consideration. We will attempt to balance the interest of returning volunteers with the opportunity for new volunteers to participate in the program.
- e. Free campsites are provided for specified volunteer positions. There are a limited number of campsites designated for use by volunteers. Final decision on campsite assignments will be made by the project recreation department staff.
- f. The Corps hosts a service team picnic at the beginning of the season as well as a picnic which includes an awards/recognition program at the end of the season.

## Rules and Regulations

To ensure wholesome use of the project, there are many rules and regulations enforced at Lake Red Rock. Many are explained in a federal mandate entitled Title 36. In addition, specific campground rules are explained on the back of the project’s campground map. Please review these so that you are aware of the policies enforced.

**It is extremely important for volunteers to set example by following all of the Title 36 and campground rules.**

While volunteers may provide visitors with information regarding the rules, **enforcement is the responsibility of the Park Ranger staff.** Remember, your mission is to provide visitor assistance in a positive and friendly manner. If you see a problem, report it to a Park Ranger. If a Ranger is not immediately available to attend to the issue, it is better to distance yourself from the problem rather than engage with difficult people. When public safety is an issue, notify the Marion County Law Center (641-828-2220). If you have any questions regarding the interpretation of rules, please call the Park Ranger cell phone (641-891-4869) for clarification.

## Radio Use by Volunteers

The radios at the project are a beneficial tool when used in the proper manner. They are typically used by Visitor Center volunteers, campground fee attendants and attendants in remote locations. Training on the proper use of the radio will be provided at the time of issue. **Radios are to be used for official business only and always in a professional manner.**

## Radio Procedures

An effort should be made to keep radio messages short and to the point. Follow all other regulations and rules of etiquette when using the radio:

- a. Conversations should be brief and to the point. Use normal speech patterns. Avoid use of codes including the 10 code commonly used by law enforcement. **When available, use a phone for extended conversations.**
- b. Use the radio only for duty purpose, never for casual conversation.
- c. Use call numbers when available.

- d. Use only professional language. Do not use any off-color expressions, slang, or profane language. Many individuals have scanners used to monitor radio traffic; therefore attention to professional etiquette is essential.
- e. Remember that many people hear you every time you talk on the radio, maybe even campers within earshot of another radio. Some campers monitor Corps traffic with scanners in their camping units.
- f. Keep radio traffic to a minimum. Use the phone if it is appropriate.
- g. If you are busy when you are called on the radio, simply tell the person to “stand by”, and get back with them as soon as possible.
- h. When asked to reply to a group transmission, acknowledge in numerical order if possible. For example, “all gate attendants from 731, please report availability.” When responding, 64 would wait for 62 and 63 to reply before answering the call.

The proper radio procedure is as follows:

- (1) State the call number of the person you are calling followed by your call number. (For example, “70 this is 64.”)
- (2) Wait for reply. (“Go ahead”.)
- (3) State your message or question.
- (4) When finished, use your call number to sign off. (“64 clear.”)

## **Security Procedures**

Personal property stored in Government buildings remains the responsibility of the owner. Loss of property to theft or vandalism is not compensated.

Government equipment must be stored indoors unless directed otherwise.

In the event of a robbery, the volunteer is not to offer resistance. Rather, if safe to do so, obey the instructions of the perpetrator. Contact a Corps of Engineers Park Ranger (641-891-4869) and the Marion County Sheriff’s Office (641-891-2220) immediately if such an event occurs.

## **Campsite Occupancy**

A free, full hook-up campsite is provided throughout the period of volunteer service as well as 1 week prior and 1 week following. If available, volunteers may extend their stay, but will be required to pay regular camping fees.

In the event that a volunteer campsite should need to be closed due to flooding or other event, the occupants may be relocated to another area if service options permit. In such events, it may be necessary to modify or terminate the volunteer service agreement.

## **Equipment Repair**

If government issued volunteer equipment should require maintenance, notify a Park Ranger to facilitate the repair or provide a replacement. Volunteers may be responsible for the repair or replacement cost of equipment that is damaged due to negligence on the part of the operator.

## **Redeemable Beverage Containers**

No one has “exclusive rights” to any refundable beverage containers that may be left on the project. Volunteers should not solicit empty containers from visitors or dig through trash receptacles searching for containers while wearing the volunteer uniform. Members of the

general public have the right to collect redeemable beverage containers on government property and should not be discouraged from doing so unless they are creating a nuisance. .

The Red Rock Lake Association has been granted permission to have recycling containers at various recreation areas.

## **Common Forms for Volunteer Use**

### **1. Service Record**

Volunteers are required to track the number of hours they work. Service record sheets for this purpose will be provided. These sheets are to be delivered to the volunteer coordinator at the end of each month. Fee booth attendants have envelopes that can be used with project mail for this purpose.

### **2. Reimbursement Request**

Compensation is available for personal expenses associated with some positions. For example, fee attendants are required to use their personal vehicles to check campsite status prior to each shift. These expenses will be reimbursed by the government. To receive compensation, mileage must be tracked on a reimbursement form and submitted at the end of each month. Receipts must be submitted with reimbursement requests for miscellaneous expenses such as bank fees incurred by fee attendants converting cash to money orders.

### **3. Direct Deposit Authorization**

Reimbursement for personal expenses is made via direct deposit to the volunteer's financial institution. To provide for this transaction, a direct deposit authorization form must be submitted to the volunteer coordinator at the beginning of the service period.

### **4. Position Hazard Analysis**

Volunteers are included in the Corps of Engineer's medical surveillance program. A position hazard analysis must be signed by each volunteer for this purpose and kept on file at the project office. Your personal safety is paramount, so never engage in task that causes safety concern. Conduct a proper hazard analysis before undertaking each project. Notify your volunteer coordinator whenever safety concerns arise.

### **5. Visitor Comment Cards**

Please keep track of suggestions, complaints, and positive comments that visitors make to you regarding Lake Red Rock. These comments should be submitted with your service records on a monthly basis.

### **6. Custodial Supply Request**

The Corps of Engineers is committed to provide all of the supplies required to perform your job at the highest level. When in need of supplies, submit a request using the project mail system (envelops available from fee attendants) and the supplies will be delivered to you. Please plan ahead as a few days may be required to fill the order. Please provide your volunteer coordinator with special requests for supplies or equipment unique to your service.

## **7. Lost & Found (Recovered Property)**

Any personal property that is found on the project must be entered in the 'lost property inventory' at the Project Office. Contact a Park Ranger to inventory lost property.

## **8. Lost & Found (Lost Property)**

If a visitor reports the loss of personal property, have them complete a "Lost Property" form and delivery it to the Project Office via "Ranger Mail".

## **9. Work Orders**

Work orders are to be filled out when maintenance or repair is required in your area. Please be clear and concise in your description. Submit the form using the project mail system.

# **Local Policies for your Awareness**

## **Wheelchair Accessible Sites**

Sites 130 and 140 in Howell Station Campground and site 6 in Wallashuck are available to wheelchair users by reservation or walk-in basis. These sites are released to members of the general public if they are available after all other sites in the campground have been rented. Under these circumstances, non-wheelchair users may occupy the sites only until 4 pm on the following Monday.

Occasionally, the National Recreation Reservation Service will process a reservation for a party without a wheelchair bound occupant. We honor these reservations unless fraudulent intent is established.

## **NRRS**

**The National Recreation Reservation Service (NRRS)** is a partnership to provide "one-stop" shopping for reservations for a wide range of recreation facilities and activities on federal lands. The agencies participating in this contract are the USDA Forest Service and the US Army Corps of Engineers.

The public is able to make reservations for campsites and picnic shelters by calling a toll-free telephone number (877-444-6777), by accessing the website at [www.recreation.gov](http://www.recreation.gov), or at participating field locations.

Reservations can be made 180 days in advance (6 months) for individual campsites and 360 days in advance (1 year) for group camp areas (Whitebreast Heights) and picnic shelters (Fifield #1-4, South Overlook Octagon & Rectangle, North Overlook, Miner's Retreat and Whitebreast Point). A credit card must be used to make a reservation by phone or online.

## **Day Use Fee Collection**

The Corps of Engineers day use fee program requires visitors to display permits at beaches and boat ramps. A common enforcement tool used at Lake Red Rock is the placement of a Request for Payment flyer on the windshield of a vehicle that appears to be noncompliant. If a visitor wishes to satisfy a payment request at a fee booth, attendants may process the payment as a Point of Sale. When doing so, please have the visitor complete the information on the back of the



payment request, document the payment and send the form to the project office via Ranger Mail. If the visitor had satisfied payment but failed to display their permit, please note details on the back of the form and mark the request as satisfied. For example: "Day use pass blew off dash".

### **Campsite Registration**

Visitors must be at least 18 years of age to register for a campsite. Feel free to ask for an ID if the customer appears to be a miner.

### **Reserving Picnic Shelters**

Shelter reservations can be made at shelters 1, 2, 3 and 4 in the Fifield Recreation Area, both shelters in South Overlook Recreation Area, the Point shelter and Miner's Retreat in the Whitebreast Recreation Area, and the shelter in the North Overlook Picnic Area. These and other picnic shelters including those in North and South Tailwaters and within campgrounds are also available on a first-come, first-serve basis when they are not reserved.

### **Shelter Rules:**

1. Individuals may reserve a shelter by calling the NRRS Reservation System at 1-877-444-6777 or visiting [www.recreation.gov](http://www.recreation.gov) and paying a \$30 processing fee. There is a \$75 use fee for Miner's Retreat, which is an enclosed shelter with more amenities.
2. Shelters are available for public use from 8:00 a.m. to 10:00 p.m. unless otherwise permitted.
3. Groups with an expected attendance of more than 50 people or where special activities are planned may require a special use permit issued by the project manager.
4. All vehicles must remain on the roadways or parking lots unless otherwise permitted.
5. Fires are confined to grills, established fire rings or designated places.
6. Use of firearms, fireworks, or projectile firing devices is prohibited.
7. Picnic tables are not to be removed from underneath the shelter house or used for anything other than dining purposes.
8. Firewood collection is limited to wood that is dead and on the ground.
9. Upon departure, all litter must be disposed of in the garbage cans provided.
10. All pets must be physically restrained by a leash not to exceed 6 feet.
11. All project rules and regulations apply to picnic areas.

### **Lake Area Attractions**

#### **Coal Miner's Retreat**

The Miner's Retreat is an enclosed shelter located in the Whitebreast Day Use Area. The shelter is available by reservation only. The public is able to make reservations by calling a toll-free

telephone number (877-444-6777), by accessing the website at [www.recreation.gov](http://www.recreation.gov). The shelter can be reserved from 8:00 a.m. to 9:00 p.m. unless otherwise permitted.

A daily reservation fee is \$75.00. Additional fees may be required for special events.

### **Cordova Pavilion**

The Cordova Pavilion is located on the north side of the lake in Cordova County Park. The pavilion was completed in 2014. The structure is 105 feet long and 60 feet wide. It was designed to accommodate large groups and special events. There are 30 picnic tables included.

Reservations can be made at [www.mycountyparks.com](http://www.mycountyparks.com).

### **Cordova Park Observation Tower**

The Cordova Tower is located on the north side of the lake in Cordova County Park. The tower was completed in the fall of 1998. The tower is the tallest observation tower in a public park in the Midwest. A breathtaking view of the Des Moines River Valley from Des Moines to south of the Red Rock Dam is visible on a clear day. The tower is open from 7:00 a.m. to 8:00 p.m. and admission is \$0.50 per person.

### **Cordova Rental Cabins**

There are seven rental cabins at Cordova Park available year round through the Marion County Conservation Board. For information, individuals should call 641-627-5935.

### **Robert's Creek Disc Golf Course**

A disc golf course is featured at Robert's Creek County Park East. The course has nine holes that travel around the park.

### **America the Beautiful Passes**

The Corps of Engineers is authorized to issue, sell and accept a variety of Recreation Fee Discount Passes. Details of each are presented in the table below.

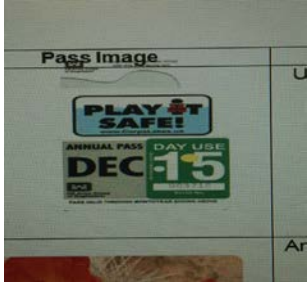


The passes are available as a result of the Federal Lands Recreation Enhancement Act of 2004. The legislation established the new discount pass program to replace the Golden Passport Program for all agencies. The Corps will continue to accept Golden Access and Golden Age Passports according to the provisions of the pass. In addition, paper Golden Age and Golden Access Passports may be exchanged free of charge for a new plastic America the Beautiful passes.




Most passes will be available at the Lake Red Rock Project Office. However, only the Senior pass and Corps of Engineers Annual pass will be issued by campground fee attendants and Visitor Center volunteers. Procedures for issuing these passes will be presented during pre-work training.

Additional information about the recreation pass program is available at <http://store.usgs.gov/pass/general.html>

**Summary of Recreation Fee Discount Passes that the  
U.S. Army Corps of Engineers is authorized to issue,  
sell, or accept**

*Updated 05 January 2016*

Pass Image	Pass Name	Cost	Pass Information
	U.S. Army Corps of Engineers Annual Pass	\$40	The U.S. Army Corps of Engineers Annual Pass is only valid at Corps-operated day use areas.  It may not be used at areas operated by other agencies even if those areas are located on Corps-owned property. Valid for one year from month of issuance.
	America the Beautiful Interagency Senior Pass (Age 62 and older)	\$10 (if obtained in person at an issuing site)  \$20 (if obtained via mail order through USGS Store)	The Interagency Senior Pass is valid for entrance fees and standard amenity recreation day use fees for all federal recreational lands and waters (Federal Agencies: BLM, USBR, FWS, USFS, NPS, and USACE). The pass entitles 50% reduction in camping fees.  Valid for lifetime of the holder of the pass.  Holders of this pass will also receive 50% discount on fees at USACE-operated campgrounds.
	America the Beautiful Interagency Access Pass (for persons with permanen t disabilities )	FREE (if obtained in person at an issuing site)  \$10 (if obtained via mail order through USGS Store)	The Interagency Access Pass is valid for entrance fees and standard amenity recreation day use fees for all federal recreational lands and waters (Federal Agencies: BLM, USBR, FWS, USFS, NPS, and USACE). The pass entitles 50% reduction in camping fees.  Valid for lifetime of the holder of the pass.  Holders of this pass will also receive 50% discount on fees

Pass Image	Pass Name	Cost	Pass Information
	America the Beautiful Interagency Annual Pass	\$80	<p>The Interagency Annual Pass is valid for entrance fees and standard amenity recreation day use fees for all federal recreational lands and waters (Federal Agencies: BLM, USBR, FWS, USFS, NPS, and USACE). The pass cannot be used for camping fees.</p> <p>Valid for one year from month of issuance.</p>
	America the Beautiful Interagency Annual Military Pass (Active Military & Dependents Only)	FREE	<p>The Interagency Military Annual Pass is valid for entrance fees and standard amenity recreation day use fees for all federal recreational lands and waters (Federal Agencies: BLM, USBR, FWS, USFS, NPS, and USACE).</p> <p>Not available to Civilians or Veterans. Valid for one year from month of issuance.</p>
	America the Beautiful Interagency Every Kid in a Park 4 <sup>th</sup> Grade Pass	FREE	<p>The <i>Every Kid in a Park</i> 4th Grade Pass is valid for entrance fees and standard amenity recreation day use fees for all federal recreational lands and waters (Federal Agencies: BLM, USBR, FWS, USFS, NPS, and USACE).</p> <p>The pass is obtained by the student exchanging an <i>Every Kid in a Park</i> pass voucher for the pass.</p> <p><b>Passes are valid September through August of the year that the student is in the 4th grade.</b></p> <p><a href="#">For more details</a></p>



## **Interpretive Programs**

### **Summer programs**

A variety of summer programs are offered at the Lake. Campfire programs, nature hikes, water safety programs at the beach, and talks at the Visitor Center are some of the events scheduled for this summer. A weekly flier of upcoming programs will be posted on project bulletin boards.

### **Summer Dam Tours**

Since September 11, 2001, the Rock Island District of the Corps of Engineers has mandated that general public dam tours be cancelled until further notice due to safety and security concerns. This policy remains in effect at Lake Red Rock. We are able to schedule dam tours to groups provided application is made beforehand.

If you would like to tour the dam, your volunteer coordinator will be glad to make accommodations.

## **History of the US Army Corps of Engineers**

The U.S. Army Corps of Engineers traces its origins to the American Revolution where in 1775 the Continental Congress authorized the first Chief Engineer to build fortifications near Boston at Bunker Hill. In 1802, the Corps became permanent and took charge of the military academy at West Point, New York.

The War of 1812 demonstrated the need to improve the nation's defense and transportation systems. In 1824, the General Survey Act authorized the president to use Army engineers to survey road and canal routes. A separate measure employed public engineers to improve navigation on the Ohio and Mississippi rivers. The Flood Control Act of 1936 gave responsibility for most federal projects to the Corps of Engineers. The Corps took over responsibility for all Army construction in December 1941.

After World War II, multipurpose projects involving flood protection, navigation, water storage, irrigation, hydropower and recreation predominated. The Corps' role in protecting the natural environment also expanded. After World War II, in less traditional roles, the Corps became the design and construction agent for the National Aeronautics and Space Administration, or NASA, and supported the Intercontinental Ballistics Missile, or ICBM, construction program, and worked on military and civil projects overseas.

While the Corps' military mission is huge, our civil works projects are most often in the public view. The assistant secretary of the Army (Civil Works) directs and supervises the civil works mission carried out by the Corps' 40 districts within the eight division boundaries.

More information on the Corps of Engineers can be found at [www.usace.army.mil](http://www.usace.army.mil).

## **The Rock Island District**

The Rock Island District is responsible for administering federal water resource development programs in large portions of Iowa and Illinois and smaller portions of Wisconsin, Missouri, and Minnesota. The district covers 78,318 square miles and includes 314 miles of the Mississippi River from Guttenberg, Iowa, downstream to Saverton, Missouri, and 268 miles of the Illinois



Waterway from Lake Street in downtown Chicago and the Thomas J. O'Brien Lock on the Calumet River to the LaGrange Lock and Dam, southwest of Beardstown, Illinois.

The district constructed and operates three flood protection reservoirs in Iowa: Coralville Lake on the Iowa River, and Red Rock and Saylorville lakes on the Des Moines River.

The district headquarters is in the historic Clock Tower Building located on Arsenal Island in Rock Island, Illinois.

See the Brochure, "Rock Island District, Serving the Nation" for more information or view the Rock Island District at [www.mvr.usace.army.mil](http://www.mvr.usace.army.mil).

## **The Red Rock Dam**

The functions of Lake Red Rock are fourfold:

- (1) Flood risk management.
- (2) Low-flow augmentation which ensures minimum downstream river flow during dry conditions.
- (3) Environmental Stewardship.
- (4) Recreation.

The Des Moines River Basin begins in Minnesota and extends through Iowa to the Mississippi River. The runoff from over 12,000 square miles of land drains from this basin into the Des Moines River above Lake Red Rock. The Des Moines River joins the Mississippi River at Keokuk, Iowa in the southeast corner of the state. Lake Red Rock at conservation pool level, 742 mean sea level (msl), covers 15,000 acres. It is the largest lake in Iowa.

To forecast and control flooding on the Des Moines River, it is important to monitor the water flowing into the lake. Gauge stations are located on the tributaries that enter Lake Red Rock. These gauges, along with the four below Red Rock Dam, collect and transmit the stream flow information. The information is sent by satellite to the US Army Corps of Engineers District Office in Rock Island, Illinois. Hydrologists determine the amount of water that needs to be retained in the lake or released from the dam to control flooding or maintain the lake level at 742 feet above sea level during normal conditions.

## **History of Red Rock Dam**

The Des Moines River receives a diverse amount of rainfall, often resulting in area floods or droughts. A series of floods on the river took place in 1851, 1858, 1903, and 1947. The 1944 Flood Control act led to a lengthy study of the Des Moines River. Two out of nine sites studied on the river were chosen for the construction of dams: Red Rock and Saylorville. The United States Army Corps of Engineers was responsible for the design and supervision of the dam's construction. Work on Red Rock began in 1960 and was completed in 1969.

The Red Rock project cost a total of 88 million dollars. This amount was divided three ways. Approximately one-third was spent to purchase land around the site. Another third was spent to relocate 96 miles of the Wabash Railroad, 42 miles of highways, 2 miles of gas lines, 225 miles of electric lines, and 8 cemeteries. The final third was used to construct Red Rock Dam. The project was costly to build but has paid for itself many times over. By protecting property, lives, and crops, an estimated 390 million dollars had been saved from 1969 to 1994. It is estimated that in 1993 alone, \$58 million in flood damages were prevented.

## The Control Structure

While the earthen segment, or embankment, makes up most of the dam, the control structure is where the action is. Each part of the structure has a specific and important function. The **stilling basin** stills the river water as it flows out of the dam. Slowing the water decreases bank erosion. To slow the water, large concrete blocks, called **baffles**, were placed in the basin during construction. There are 25 baffles, each the size of a passenger van, lined in two rows in the basin. The **sluice gates**, located inside the control structure, empty into the stilling basin. There are fourteen hydraulically operated sluice gates. Each is five feet wide and nine feet tall. These gates are used when outflow is less than 388,000 cubic feet per second (cfs). One cubic foot is equal to seven and a half gallons of water. Unlike some dams, Red Rock has a controlled spillway through the use of the **tainter gates**. Each of these high outflow gates is used only during high water conditions. Their individual dimensions are 41 feet wide and 45 feet tall. The **embankments** are made up of impenetrable clay material and a sand layer that allows for drainage of seepage water. Large rocks, called **riprap**, protect the embankment on the lake side. A layer of topsoil, seeded with grass, covers the river side.

## Dam Safety

A variety of measures are taken to ensure the safe operation of the dam. Inspections of the control structures, earthen segments and surrounding area, along with piezometer readings are routine. Piezometers, wells that extend from ground level into the dam's foundation, allow Corps personnel to track the water level. Another measure is grout work. Grout, fine cement mixed with water, is injected into the bedrock beneath the dam where it solidifies. This maintains a firm foundation and reduces the amount of water that can seep below the dam. Grouting is part of Red Rock's long-term maintenance.

## Interesting Facts

- The dam is 5,676 feet long (one mile = 5,280 feet) and 110 feet tall.
- The concrete wall between the lake and the inside of the Operating Gallery is 13.4 feet thick.
- The control structure contains 200,000 cubic yards of concrete, enough to build a road 66 miles long, 24 feet wide, and 8 inches deep.
- The north and south earthen sections of the dam contain 4,000 acre-feet of dirt. This could fill 143,000 train cars that would stretch 350 miles, the distance from here to Chicago.
- Lake Red Rock is Iowa's Largest Lake. At the average elevation of 742 feet above sea level, it is 11 miles long and has a water surface area of 15,000 acres.
- The record high occurred on July 13, 1993. The lake reached an elevation of 782.67 feet above sea level and covered 70,000 acres.
- The highest inflow of water into Lake Red Rock was recorded at 134,900 cubic feet per second (cfs) on July 12, 1993. The highest outflow of water through the control structure was 104,400 cfs on July 15, 1993.

## Area Wildlife

At present, the land and its plant associations support a wide variety of wildlife populations. Three hundred and two species of birds have been seen at the lake. One hundred three are known to nest in the area. Thirty-six species of mammals have been recorded. Included in these sightings and recordings are several endangered or threatened species.



Bald eagles can be seen at Lake Red Rock throughout the year, but are most plentiful from late November through March. It is estimated that over 1,000 eagles call Lake Red Rock home for a brief period during their spring migration. These majestic birds can often be seen roosting and fishing below the dam. One of the best places to view the bald eagles is from the Horns Ferry Bridge just south of the Howell Station Landing.

The Indiana bat is an endangered species present at Lake Red Rock. Some of the more unusual or rare species sighted include the double crested cormorants, white pelicans, and ospreys.

The white pelican is the largest bird reaching Iowa, with a wingspread of nine to ten feet, body length of 50 inches and a weight of 15-20 pounds. They consume six to eight pounds of small fish daily, mostly gizzard shad and carp. As many as 3,500 pelicans have been counted at Lake Red Rock. Pelicans are usually present from late March through early October. Common sighting areas are the Whitebreast Bay Area, the shallow waters near old Highway 14, and below Red Rock Dam. Red Rock is a feeding and resting area on their migration to nesting areas in Canada. The birds present during the summer are normally non-breeders.

Great blue herons are commonly seen at Lake Red Rock.

Bobcat sightings are becoming more and more common in Iowa. The bobcat prefers habitat of forests, swamps, thickets and rocky terrain, and area like Red Rock should be very suitable. Cougars, also known as mountain lions, have been confirmed in the state.

Muskrat and beaver are commonly found in the wetland environments.

The river otter, previously extirpated from Iowa, have made a successful comeback here. In 1985, sixteen river otter were reintroduced to the Wildlife Management Unit at Lake Red Rock. Radio telemetry units were placed on the animals to track their movements for a one-year period. After the one-year period, thirteen of the otter were still alive and doing well. The tracking indicates that they have spread over a large area within the Des Moines River Valley. The otter-stocking program is viewed as being successful as numerous young otters are being produced and public sightings are fairly common.

Plentiful habitat for non-game and small game species, such as cottontail rabbit, fox squirrel, bobwhite quail, mourning dove, and ring-neck pheasant make those species abundant. Red fox and coyote appear to be thriving in the Red Rock area. This is probably reflective of increased quality of habitat due to reforestation and prairie establishment.

The white tailed deer is the only big game species that is abundant in Iowa. With over 35,000 acres of upland habitat, Lake Red Rock boasts a noteworthy herd. Numerous trophy deer are harvested from the project each fall.

Wild turkey, another extirpated species, was first stocked on project lands in 1982 and several times thereafter. Turkey populations appear to be on the increase across the state. The increase in numbers should hold true to the Red Rock area since over 1,200 acres have been planted to conifers, mast producing trees, and berry producing shrubs.

The number of Greater Canada geese is increasing due to the efforts of the Iowa Department of Natural Resources Wildlife Division. The DNR has a wildlife refuge along the Des Moines River north of Highway 14. (See lake area map.)

## **Fisheries Management**

The construction of Red Rock Dam changed a portion of the once free flowing Des Moines River into a flood control reservoir. The formation of Lake Red Rock in 1969 changed the river within and above the pool in several ways. The width of the river increased, while at the same time the depth increased. The waters slowed in the conservation pool area, which allowed for settling out of waterborne sediments.

Since the reservoir is truly a lake-river hybridization, fisheries management is more complex; stability of population and reproduction vary from being greatly successful to complete failure. Lake water conditions favor several species including largemouth bass, black crappie, white bass, and channel catfish. They are capable of reproducing and sustaining fishable populations.

The settling of waterborne sediments in prime spawning areas may negatively impact populations of largemouth bass, crappies, and white bass. White bass represent an increasingly important game fish that is increasing in number. They have added to the fishing diversity of Red Rock.

Northern pike and walleye, due to lack of natural reproduction, are dependent on restocking programs to bolster their numbers. Northern pike and walleye are not reproducing in any quantifiable way due to lack of habitat. Northern pike prefer waters with dense growths of aquatic vegetation. They spawn in early spring by broadcasting their eggs over submerged vegetation. Walleye require the presence of a firm silt-free substrate and a strong circulation of water over a rocky shoreline for a successful hatch. Red Rock can meet requirements for northern pike only during high water spring floods when new vegetation is covered by water.

## Appendix A

### CORPS OF ENGINEERS STAFF

#### Administration

**Brett Call** *Operations Manager*

Oversees all lake operations, budget and planning.

**Josh Conrad** *Assistant Operations Manager*

Manages Visitor Assistance and Recreation programs.

**Perry Thostenson** *Assistant Operations Manager*

Manages Dam Operations, Environmental Stewardship, Real Estate issues.

#### Park Rangers

**Hugh Howe** *Natural Resources Specialist*

Performs environmental stewardship duties, flood damage reduction duties, and recreation area patrol.

**Junifer Kruse** *Natural Resources Specialist*

Project support duties and recreation area patrol.

**Joe Laird** *Natural Resources Specialist*

Oversees Recreation Department including service contracts, NRRS, roadwork and construction contracts.

**Derek Murken** *Natural Resources Specialist*

Performs environmental stewardship duties, flood damage reduction duties, recreation area and boat patrol.

**Mark Pollastrini** *Natural Resources Specialist*

Coordinates volunteer program, project safety officer and assists with recreation duties.

**Steve Reeder** *Park Ranger*

Coordinates vehicle maintenance, delivers custodial supplies, and performs recreation area patrol.

**Nate Seibert** *Natural Resources Specialist*

Performs environmental stewardship duties, flood damage reduction duties, recreation area and boat patrol.

**Tracy Spry** *Natural Resources Specialist*

Oversees educational programming. Coordinates operations of the Visitor Center.

**Jesse Westphal** *Natural Resources Specialist*

Assists with NRRS duties, contract and custodial inspections, assists with volunteer program, recreation area and boat patrol.

#### Maintenance

Shawn Bonnett

*Supervisor*

Caleb Seelye

*Heavy Equipment Operator*

Bob Gullion

*Facilities Maintenance*

Ray Tait

*Facilities Maintenance*

Lee Meyers

*Electrician*

Matt Wilt

*Facilities Maintenance*

Jade Mockenhaupt

*Facilities Maintenance*

#### Administrative Support

**Jenny Moses** *Administrative Officer*

## Appendix B

### Contact Information

Radio Call Numbers	Phone Extension	Email
	641-828-7522	
<b>Park Rangers</b>		
731 Office/Visitor Center	6432	
7740 Brett Call	6401	brett.e.call@usace.army.mil
7741		
7742		
7743		
7745 Hugh Howe	6411	hugh.d.howe@usace.army.mil
7746		
7747		
7748		
7749 Junifer Kruse	6441	junifer.k.kruse@usace.army.mil
7770 Perry Thostenson	6413	perry.d.thostenson@usace.army.mil
7771 Nate Seibert	6440	nathan.r.seibert@usace.army.mil
7772 Tracy Spry	6430	tracy.j.spry@usace.army.mil
7773 Steve Reeder	6422	steve.a.reeder@usace.army.mil
7774 Josh Conrad	6421	joshua.d.conrad@usace.army.mil
7775 Derek Murken	6412	derek.j.murken@usace.army.mil
7776 Jesse Westphal	6443	jesse.l.wesphal@usace.army.mil
7778 Joe Laird	6420	joseph.c.laird@usace.army.mil
7779 Mark Pollastrini	6442	mark.r.pollastrini@usace.army.mil
<b>Maintenance Staff</b>		
7750 Shawn Bonnett		
7751 Jade Mockenhaupt		
7752 Matt Wilt		
7753 Lee Meyers		
7754 Caleb Seelye		
7755		
7756		
7757		
7758 Ray Tait		
7759 Bob Gullion		
<b>Recreation Areas</b>		
7761 Whitebreast Beach Volunteer		
7762 Wallashuck		
7763 North Overlook		
7764 Howell Station		
7765 Whitebreast		
7766 Ivan's		
7767 Fifield Recreation Area Volunteer		
7768 South Tailwater		

## Appendix C

### Visitor Services & Supplies

The following lists vendors in the area for some of the more commonly requested services. It is by no means a complete list and visitors should be referred to the yellow pages for additional providers.

#### **Bait & Tackle**

Pella Rental	641-628-2848	916 W 8thSt, Pella
Deer Point Bait & Tackle	641-842-6431	1177 Highway S-71, Knoxville, IA 50138
Lou's Bait Shop Bridge)	NA	Hwy 14 & Dubuque Dr (1 mi north of Mile long

#### **LP Gas**

Skelgas	641 842-4011	Hwy 14 South, Knoxville
Two Rivers Coop	641-259-2232	Highway 14, Monroe
Farmers Coop Exchange	641- 628-4167	109 South St., Pella

#### **Boat Repairs**

Vans Outboard Inc.	641- 628-4351	2158 Idaho Dr., Pella
Pella Motor & Marine	641- 628-2932	418 Huber, Pella
Malone Motorsports	641-259-2628	163 Iowa 14, Monroe

#### **Vehicle Towing**

Kline's Standard (AAA)	641- 842-6212	Knoxville Night: 842-2759
Darnell's Wrecker Service	641- 891-1603	Knoxville
AAA Emergency 24 Hr Service	641- 842-6212	Knoxville
Mike's Towing	641-828-6828	Knoxville
Tom's Collision Center	641- 628-3644	Pella
Braafhart Amoco	641- 628-2474	Pella Night: 628-3959
Hewitt's Service Center	641- 259-2097	Monroe

## **Appendix D**

### **Agency Contacts**

#### **Iowa DNR**

Iowa DNR Conservation Officers:

Ken Kenyon	641-891-1246
Eric Hoffman	641-891-2004

Elk Rock State Park	
Chad Rowson	641-842-6008

Red Rock Wildlife Mgmt Unit	
Casey Trine	641-848-3108

#### **Marion County Conservation Board**

Marion County Conservation Board Director

Steve Edwards	641-828-2213
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Roberts Creek County Park	
Mike Kalkwarf (Park Ranger)	641-627-5507

Marion County Park	
Dave McKinney (Park Ranger)	641-828-2214

Cordova County Park	
Ross Tuel (Park Ranger)	641-627-5935

County Naturalist	
Marla Mertz	641-627-5935

#### **Emergency Numbers**

In case of emergency **call 911**. Next, immediately notify a Park Ranger (641-891-4869).

Marion County Sheriff's Department	641-828-2220
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## **Appendix E**

### **Volunteer Application Process**

#### **Service Opportunities for Work Camper Volunteers**

Day Use Fee Collection	Roving Light Maintenance
Education Program Host	Tailwaters Custodial Relief
Fifield Attendant	Visitor Center Staff (3 positions)
Howell Station Campground Host	Wallashuck Custodial (2 positions)
Howell Station Light Maintenance	Wallashuck Fee Attendants (2 positions)
Ivan's Attendant	Wallashuck Light Maintenance
Nest Box Program	Whitebreast Beach Attendant
North Overlook Custodial (2 positions)	Whitebreast Custodial (3 positions)
North Overlook Fee Attendants (2 positions)	Whitebreast Fee Attendants (2 positions)
Office Cleaning	Others as available
Promotional Service	

- a. Volunteer agreements at Lake Red Rock are made for one calendar year. We will attempt to balance the interest of returning volunteers with the opportunity for new volunteers to participate in the program.
- b. Volunteer jobs are advertised on the USACE Volunteer Clearinghouse. Contact the Volunteer Clearinghouse at 1-800-865-8337 or 1-800-VOL-TEER or on the web at [www.orn.usace.army.mil/volunteer](http://www.orn.usace.army.mil/volunteer).
- c. Volunteer job opportunities are advertised on the campground bulletin boards, in various camping publications such as Workamper magazine, and on the Lake Red Rock website [www.lakeredrock.org](http://www.lakeredrock.org).
- d. Those interested in volunteering must file an application and participate in a phone interview.
- e. An addendum to the application requires 3 references, at least 2 of which should be work related.
- f. Applicants are screened via background check and must complete a secure web fingerprint transaction prior to beginning service.
- g. Accepted volunteers are provided appropriate training prior to beginning service.
- h. If all of the volunteer positions have been filled, qualified applicants will have their applications kept on file in case a position should open mid-season.
- i. Free campsites are provided for specified volunteer positions. There are a limited number of campsites designated for use by volunteers. Final decision on campsite assignments will be made by the project recreation department staff.

## Appendix F

### Lake Red Rock Volunteer Service Descriptions

*A detailed description of volunteer duties relating to each position is available upon request.*

*Requirements of all positions:*

1. *Available to provide service throughout the entire recreation season, typically five days per week.*
2. *Physically capable of performing job duties.*
3. *Friendly disposition with volunteer team members and the general public.*
4. *Good communication skills.*
5. *Willingness to portray a positive image of the U.S. Army Corps of Engineers.*
6. *Willingness to perform service in accordance with safety guidelines provided.*
7. *Provide a safe, licensed, insured camping unit and vehicle.*

*The U.S. Army Corps of Engineers will provide:*

1. *A free full-service campsite, typically within the area where service is provided.*
2. *Volunteer shirts and name tags that are to be worn while providing service to the public.*
3. *Equipment and supplies required to perform the service.*
4. *Training and safety guidelines appropriate to the service.*
5. *Reimbursement for incidental costs associated with some positions such as bonding for fee collectors and mileage for positions requiring use of personal vehicles to perform service.*

#### **DAY USE FEE COLLECTION**

*Service Period: Late April - Mid September*

Day Use Fees are collected at project beaches and boat ramps located within seven different recreation areas.

*Volunteer duties include:*

- Collect fees from depositories at two beaches, five boat ramps and five firewood vending sites.
- Transport self-depository fee boxes to the project office where funds are counted with a Corps of Engineers employee.

The volunteer is required to become bonded and will be reimbursed for the cost of the bonding. The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free full-service campsite is provided at the North Overlook Campground throughout the service period.

#### **EDUCATION PROGRAM HOST**

*Service Period: Late April – Early September*

*Volunteer duties include:*

- Assist with preparing and presenting educational programming and special events for the public.
- Assist park rangers in presenting programs about the lake area's natural history and recreational opportunities.
- Greet visitors and answer questions about the lake area.
- Assist ranger staff with groups participating in interpretive programs.
- Staff the Lake Red Rock visitor center at least one day per week (typically Wednesdays).

The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free full-service campsite is provided in Howell Station Campground throughout the service period.



## **FIFIELD & VOLKSWEG TAIL MAINTENANCE**

*Service Period: Mid April – September*

Fifield Recreation Area is a scenic day use area with four shelters, two restrooms, a playground, and a trailhead to the Volksweg Trail.

*Volunteer duties include:*

- Open the Fifield entrance gate and restroom buildings by 8:00 a.m. daily and close at 10:00 p.m.
- Clean the Fifield restrooms and shelters.
- Pick up litter and remove trash.
- Perform light maintenance along a 7 mile segment of the Volksweg Trail. Trail maintenance will consist of but not be limited to picking up trash on or along the trail and removing surface debris.

Service is provided 5 days per week with two weekdays off (typically Tuesdays and Thursdays). A utility vehicle will be supplied for use on the trail and for transportation from Fifield Park to the Marina. A free full-service campsite is provided in the Fifield Recreation Area throughout the period of service.

## **HOWELL STATION CAMPGROUND HOST**

*Service Period: Late April – Mid September*

Howell Station is a popular campground located on the Des Moines River below the Red Rock Dam. It features 143 sites, 5 shower buildings, 2 playgrounds and is bordered by an asphalt trail.

*Volunteer duties include:*

- Staff the entrance station during the fee contractor's break period from 11:00 a.m. - 3:00 p.m.
- Greet incoming campers, answer questions and provide visitors with general lake information.
- Volunteer will assist campers seeking sites but will not collect fees.

Service is provided 5 days per week with two weekdays off (typically Mondays and Tuesdays). A free, full-service campsite will be provided to the volunteer throughout the service period.

## **HOWELL STATION LIGHT MAINTENANCE**

*Service Period: Mid April through Mid October*

Howell Station is a popular campground located on the Des Moines River below the Red Rock Dam. It features 143 campsites, 5 shower buildings, 2 playgrounds and is bordered by an asphalt trail.

*Volunteer duties include:*

- Custodial duties 1 day per week: clean shower buildings, sidewalks, fountains, dump station and fish cleaning station. Pick up litter from roadways, playgrounds and unoccupied campsites.
- Clean fire rings weekly: remove ashes and debris from fire rings in Howell Station and Ivan's Campground.
- Ivan's is a small campground with 21 sites, connected to Howell Station by an asphalt trail.
- Provide light maintenance on a 1.5 mile trail segment. Trail maintenance will consist of but not be limited to picking up trash on or along the trail, clearing all rocks, pebbles, acorns, sticks, etc. from the paved trail surface.

Service is provided 5 days per week with two weekdays off (typically Tuesdays and Wednesdays). A utility vehicle with fuel and supplies will be provided by the Corps of Engineers. A free full-service campsite in Howell Station Campground will be provided during the volunteer work period.

### **IVAN'S RECREATION AREA VOLUNTEER**

*Service Period: Late April – September*

Ivan's Campground is a popular riverside campground with 21 campsites and one shower building. A paved trail connects the campground with the South Tailwater Recreation area and Howell Station Campground.

*Volunteer duties include:*

- Collect camping fees and provide general visitor assistance.
- Clean a shower building, sidewalks fountains and fire rings.

Service is provided 5 days per week with two weekdays off (typically Tuesdays and Thursdays). A utility vehicle with fuel and supplies will be provided by the Corps of Engineers. The volunteer will be required to become bonded and will be reimbursed for the cost. The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free full-service campsite in Ivan's campground will be provided throughout the work period.

### **NEST BOX VOLUNTEER**

*Service Period: April - August*

Volunteer will be responsible for maintenance of bluebird nesting boxes located throughout the lake area, and two purple martin houses located in the Tailwater Recreation Area.

*Volunteer duties include:*

- Prepare structures for nesting of target species.
- Document findings on nesting success.
- Facilitate repair or replacement of nesting structures as needed.

Volunteer must provide transportation to and from each nesting site and will be reimbursed for travel by personal vehicle as required to perform service. Volunteer must have some knowledge of eastern bluebird and purple martin habits. Some woodworking skills preferred. A free, full-service campsite in Howell Station Campground will be provided throughout the service period.

### **NORTH OVERLOOK BEACH CUSTODIAL**

*Service Period: Late April - September*

North Overlook Beach is a large beach adjacent to North Overlook Campground. It includes a large parking lot, a shower building with 6 rooms, a concession building with 2 restrooms, a patio, 2 volleyball courts and a swimming area.

*Volunteer duties include:*

- Open and close an entrance gate and 2 beach buildings daily.
- Clean the shower rooms and the concession building restrooms.
- Remove litter from the beach, parking lot, roadway and picnic area.
- Service approximately 10 trash cans.
- Clean the sidewalks and remove weeds growing along walkways and buildings.
- Care for bedding plants in planters adjacent to the beach buildings.
- Perform North Overlook campground custodial service 2 days per week (typically Tuesday and Wednesday).

Service is provided 5 days per week with two weekdays off (typically Thursdays and Fridays). A utility vehicle with fuel and supplies will be provided by the Corps of Engineers. A free full-service campsite is provided in the North Overlook recreation area throughout the volunteer's work period.

### **NORTH OVERLOOK CAMPGROUND CUSTODIAL**

*Service Period: Late April – September*

The North Overlook Recreation area includes a scenic campground with 46 electric sites and 8 non-electric tent sites, a playground, a shower building, a dump station, a picnic area and a beach.

*Volunteer duties include:*

- Clean the campground shower building, sidewalks, fountains, and dump station.
- Clean the picnic area restrooms and shelter.
- Service 3 trash cans, 2 upright grills and 1 fire ring in the picnic area.
- Clean campground fire rings weekly.
- Remove litter from roadways, unoccupied campsites, a playground and the picnic grounds.
- Provide custodial service at North Overlook beach 2 days per week.

Service is provided 5 days per week with two weekdays off (typically Tuesdays and Wednesdays). A utility vehicle with fuel and supplies will be provided by the Corps of Engineers to transport fire ring debris. A free full- service campsite is provided at the North Overlook Campground throughout the work period. The volunteer will be reimbursed for travel by personal vehicle as required to perform service.

### **NORTH OVERLOOK FEE ATTENDANT**

*Service Period: Late April – September*

The North Overlook Recreation area includes a scenic campground with 46 electric sites and 8 non-electric tent sites, a playground, a shower building, a dump station, a picnic area and a beach.

*Volunteer duties include:*

- Staff the campground entrance booth four consecutive days in every ten day period.
- Register incoming campers.
- Remit all fees collected to the project office.
- Raise and lower flags at the entrance booth.
- Post reservation cards at campsites.
- General campground surveillance.
- Provide general visitor assistance.

Service is provided 4 consecutive days in every 10 day period. The volunteer will be required to become bonded and will be reimbursed for the cost of the bonding. The volunteer will be trained to use National Recreation Reservation Service software for camper registration and must follow Corps of Engineer guidelines for the collection and remittance of fees. The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free, full-service campsite is provided at the North Overlook Campground throughout the period of service.

### **OFFICE COMPLEX CUSTODIAL VOLUNTEER**

*Service Period: Late April – September*

The Lake Red Rock Project Office Complex is located on a scenic plot at the south end of the dam. It includes an administrative building, visitor center and maintenance compound. The office complex is located approximately 5 miles from Wallashuck Campground. Wallashuck Campground is a scenic campground with eighty campsites, three shower buildings, a picnic shelter, a fish cleaning station and a boat ramp (used only at high water levels). The Marina Cove features a privately operated marina located approximately 1 mile west of Wallashuck campground. It includes a public boat ramp and small restroom building with two rooms.

*Volunteer duties include:*

- Provide janitorial service for the office complex which includes; 2 visitor center rooms, 2 small lunchrooms used by project staff, a reception room, 3 private restrooms, 1 public restroom and 9 offices.
- Service a fish cleaning station in Wallashuck campground.
- Provide custodial service for a small, two room public restroom at the Marina Cove Recreation Area.

The volunteer will work five days a week with two days off (typically Wednesday & Thursday). The volunteer must be able to work the entire service period.

### **PROMOTIONAL**

*Service Period: Late April – Mid October*

The promotional volunteer at Lake Red Rock will work closely with our community partners in the promotion of the lake area, events, and programs.

*Volunteer duties include:*

- Work with community partners to promote the project mission.
- Assist with interpretive programs.
- Inform Red Rock visitors of what the area has to offer and thank them for their stay.
- Attend local area/community activities and events to disseminate lake area information to the public.
- Maintain 18 bulletin boards located in 10 recreation areas around the project.

The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free, full-service campsite will be provided to the volunteer throughout the service period.

### **VISITOR CENTER (Saturday/Sunday)**

*Service Period: May through October*

The Lake Red Rock visitor center is part of the Project Office complex located on the south end of the dam. Volunteer will staff the Visitor Center from 9:30 a.m. to 6:00 p.m. primarily on Saturday and Sunday (additional days may be added).

*Volunteer duties include:*

- Greet visitors and answer questions about the lake area.
- Assist ranger staff with groups participating in interpretive programs.
- Care for the visitor center animals.
- Perform visitor surveys as needed.
- Perform light cleaning of facility.
- Sell items from the visitor center cooperative store.

Volunteer will be required to become bonded and will be reimbursed for the cost of the bonding. A free full-service campsite will be provided at Wallashuck Campground throughout the service period.

### **VISITOR CENTER (Monday - Tuesday)**

*Service Period: Late April – Early September*

The Lake Red Rock visitor center is part of the Project Office complex located on the south end of the dam. Volunteer will staff the Visitor Center from 9:30 a.m. to 6:00 p.m. primarily on Monday and Tuesday (additional days may be added).

*Volunteer duties include:*

- Greet visitors and answer questions about the lake area.
- Assist ranger staff with groups participating in interpretive programs.
- Care for the visitor center animals.

- Perform visitor surveys as needed.
- Perform light cleaning of facility.
- Sell items from the visitor center cooperative store.

A free full-service campsite in the Howell Station Campground will be provided throughout the service period.

### **VISITOR CENTER (Thursday - Friday)**

*Service Period: Late April – Early September*

The Lake Red Rock visitor center is part of the Project Office complex located on the south end of the dam.

Volunteer

will staff the Visitor Center from 9:30 a.m. to 6:00 p.m. primarily Thursday and Friday (additional days may be added).

*Volunteer duties include:*

- Greet visitors and answer questions about the lake area.
- Assist ranger staff with groups participating in interpretive programs.
- Care for the visitor center animals.
- Perform visitor surveys as needed.
- Perform light cleaning of facility.
- Sell items from the visitor center cooperative store.

A free full-service campsite in the Howell Station Campground will be provided throughout the service period.

### **WALLASHUCK CUSTODIAL (NORTH)**

*Service Period: Late April – September*

Wallashuck Campground is a scenic campground with eighty campsites, three shower buildings, a picnic shelter, a fish cleaning station and a boat ramp (used only at high water levels). The Marina Cove is located approximately 1 mile west of Wallashuck and includes a small public restroom and boat landing.

*Volunteer duties include:*

- Clean the campground shower buildings, sidewalks, fountains, picnic shelter, fish cleaning station and dump station two days per week (typically Saturday and Sunday).
- Remove litter from roadways, unoccupied campsites and a playground.
- Provide custodial service at the Marina Cove restroom building 2 day per week.
- Clean the Wallashuck campground fire rings weekly.

Service is provided 5 days per week with two weekdays off (typically Tuesday and Friday). The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A utility vehicle with fuel and supplies will be provided by the US Army Corps of Engineers for transporting refuse. A free full-service campsite is provided at the Wallashuck Campground throughout the service period.

### **WALLASHUCK CUSTODIAL (SOUTH)**

*Service Period: Late April – September*

Wallashuck Campground is a scenic campground with eighty campsites, three shower buildings, a picnic shelter, a fish cleaning station and a boat ramp (used only at high water levels).

*Volunteer duties include:*

- Perform custodial service in Wallashuck campground 5 days per week (typically Monday thru Friday).
- Remove litter from roadways, unoccupied campsites and a playground.

Service is provided 5 days per week with two days off (typically Saturdays and Sundays). A free, full-service campsite is provided at the Wallashuck Campground throughout the service period.

### **WALLASHUCK FEE ATTENDANT**

*Service Period: Late April – September*

Wallashuck Recreation area includes a scenic campground with eighty campsites, three shower buildings, a picnic shelter, a fish cleaning station and a boat ramp (used only at high water levels).

Volunteer duties include:

- Staff the campground entrance booth four consecutive days in every ten day period.
- Register incoming campers.
- Remit all fees collected to the project office.
- Raise and lower flags at the entrance booth.
- Post reservation cards at campsites.
- General campground surveillance.
- Provide general visitor assistance.

Service is provided 4 consecutive days in every 10 day period. The volunteer will be required to become bonded and will be reimbursed for the cost of the bonding. The volunteer will follow Corps of Engineer guidelines for the collection and remittance of camping fees. The volunteer will be trained to use National Recreation Reservation Service software for registering of campers. The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free, full-service campsite in the Wallashuck Campground is provided throughout the service period.

### **WHITEBREAST BEACH**

*Service Period: Late April - September*

The Whitebreast Beach area includes an enclosed shelter house (Miner's Retreat), two picnic areas, two vault toilets, a day use fee booth, a shower building and a large beach.

*Volunteer duties include:*

- Open the beach entrance gate and shower building by 8:00 am and close them at dusk.
- Clean the shower building and surrounding area.
- Remove litter from the beach, parking lot and grounds.
- Service approximately 10 trash cans in the area.
- Clean the Miner's Retreat building and conduct inspections for special events held at Miner's Retreat.
- Service a nearby youth camp when the area is reserved for use.

Service is provided 5 days per week with two weekdays off (typically Thursdays and Fridays). A utility vehicle with fuel and supplies will be provided by the Corps of Engineers. A free full-service campsite is provided at the Whitebreast Beach Recreation Area throughout the service period.

### **WHITEBREAST CUSTODIAL(East)**

*Service Period: Late April - September*

Whitebreast Recreation Area includes a campground with 130 sites, a beach, a youth camp, five shower buildings, four picnic shelters, six vault toilets, a dump station and a fish cleaning station. Custodial duties are shared by four volunteer positions.

*East custodial duties include:*

- Clean two shower buildings.

- Clean two vault toilets.
- Service a fish cleaning station and dump station.
- Remove litter from roadways and unoccupied campsites in the Meadows camping area and Landing.

Service is provided 5 days per week with two weekdays off (typically Tuesday & Wednesday). A utility vehicle with fuel and supplies will be provided by the Corps of Engineers. The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free full-service campsite is provided at the Whitebreast Campground during the service period.

### **WHITEBREAST CUSTODIAL (West)**

*Service Period: Late April - September*

Whitebreast Recreation Area includes a campground with 130 sites, a beach, a youth camp, five shower buildings, four picnic shelters, six vault toilets, a dump station and a fish cleaning station. Custodial duties are shared by four volunteer positions.

*West custodial duties include:*

- Clean three shower buildings.
- Clean two vault toilets.
- Clean 4 picnic shelters.
- Remove litter from roadways and unoccupied campsites in the Coal Ridge, Ponca and Heights areas.

The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free full-service campsite is provided at the Whitebreast Campground during the volunteer's work period.

### **WHITEBREAST CUSTODIAL (Relief)**

*Work Period: Late April - September*

Whitebreast Recreation Area includes a campground with 130 sites, a beach, a youth camp, five shower buildings, four picnic shelters, six vault toilets, a dump station and a fish cleaning station. Custodial duties are shared by four volunteer positions.

*Relief custodial duties include:*

- Perform custodial duties in the Whitebreast east campground area on Tuesdays and Wednesdays. Custodial duties include litter pickup, cleaning shower buildings, vault toilets, a dump station and a fish cleaning station.
- Perform custodial duties in the Whitebreast west campground area on Thursdays and Fridays.
- Clean fire rings within the Whitebreast Campground weekly.

A utility vehicle with fuel and supplies will be provided by the Corps of Engineers. A free full-service campsite is provided at the Whitebreast Campground during the service period.

### **WHITEBREAST FEE ATTENDANT**

*Service period: Late April – September*

Whitebreast Recreation Area includes a campground with 130 sites, a beach, a youth camp, five shower buildings, four picnic shelters, six vault toilets, a dump station and a fish cleaning station. Custodial duties are shared by four volunteer positions.

Volunteer duties include:

- Staff the campground entrance booth four consecutive days in every ten day period.
- Register incoming campers.
- Remit all fees collected to the project office.
- Raise and lower flags at the entrance booth.
- Post reservation cards at campsites.

- General campground surveillance.
- Provide visitor assistance as needed.

Service is provided 4 consecutive days in every 10 day period. The volunteer will be required to become bonded and will be reimbursed for the cost of the bonding. The volunteer will follow Corps of Engineer guidelines for the collection and remittance of camping fees. The volunteer will be trained to use National Recreation Reservation Service software for registering of campers. The volunteer will be reimbursed for travel by personal vehicle as required to perform service. A free, full-service campsite is provided at the Whitebreast Campground during the volunteer's work period.