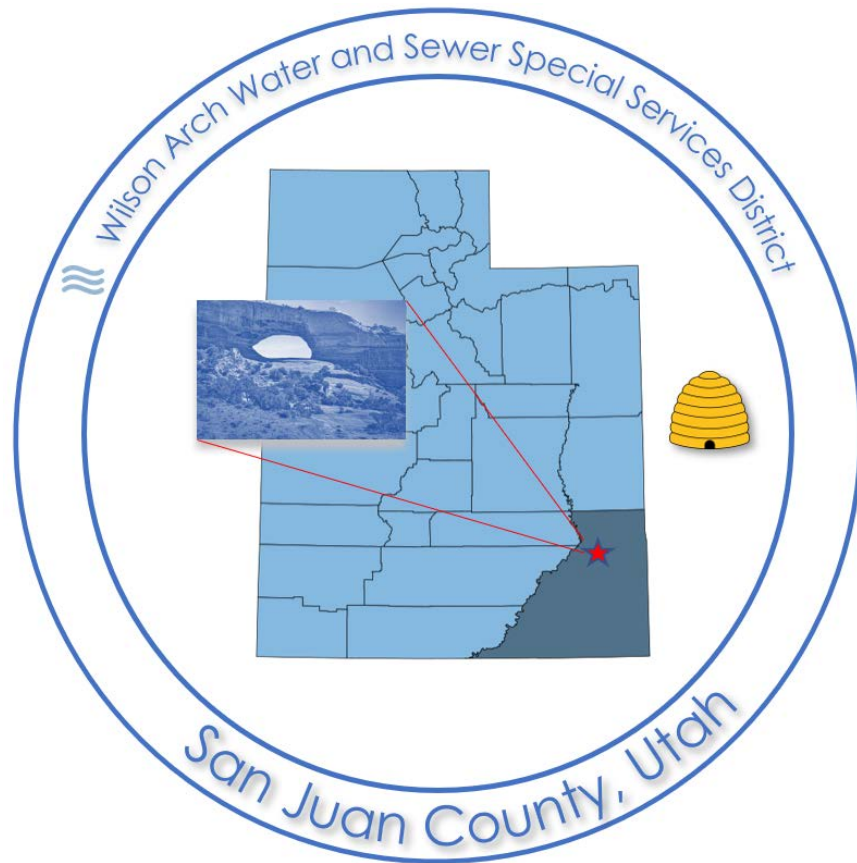


EMERGENCY RESPONSE/FIRE PROTECTION PLAN
FOR THE DRINKING WATER SYSTEM
OF WILSON ARCH COMMUNITY



**WILSON ARCH WATER AND SEWER SPECIAL
SERVICES DISTRICT**

**P.O. BOX 97
LASAL, UT 84530**

UPDATED

FEBRUARY 2023

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INTRODUCTION

The Wilson Arch Water and Sewer SSD Emergency Response Plan was developed to assist the drinking water system management team response to an emergency or disaster at the Wilson Arch Resort Community. It is not meant to be a guide for routine complaints or system maintenance problems. Those types issues should be dealt with by policies and Procedures established through the Districts Administrative Board.

A disaster or emergency can strike any drinking water system at any time. Keep in mind that when, not if, an emergency or disaster occurs, drinking water will become one of the top priorities in emergency medical services, fire fighting, sanitation, and general recovery of the emergency or disaster.

Drinking water system personnel shall be trained on responses to specific emergency or disasters to ensure their actions are coordinated and sufficient to affect the desired outcome of public safety. Mistakes made during training and rehearsals don't cost much, but mistakes made during an actual event could cost lives. Retraining and rehearsing the emergency response plan will help new personnel become familiar with their role in the emergency plan, and will remind the experienced personnel of their role and perhaps identify areas of the plan that need improvement. Tabletop exercises are an excellent way to rehearse each individual role.

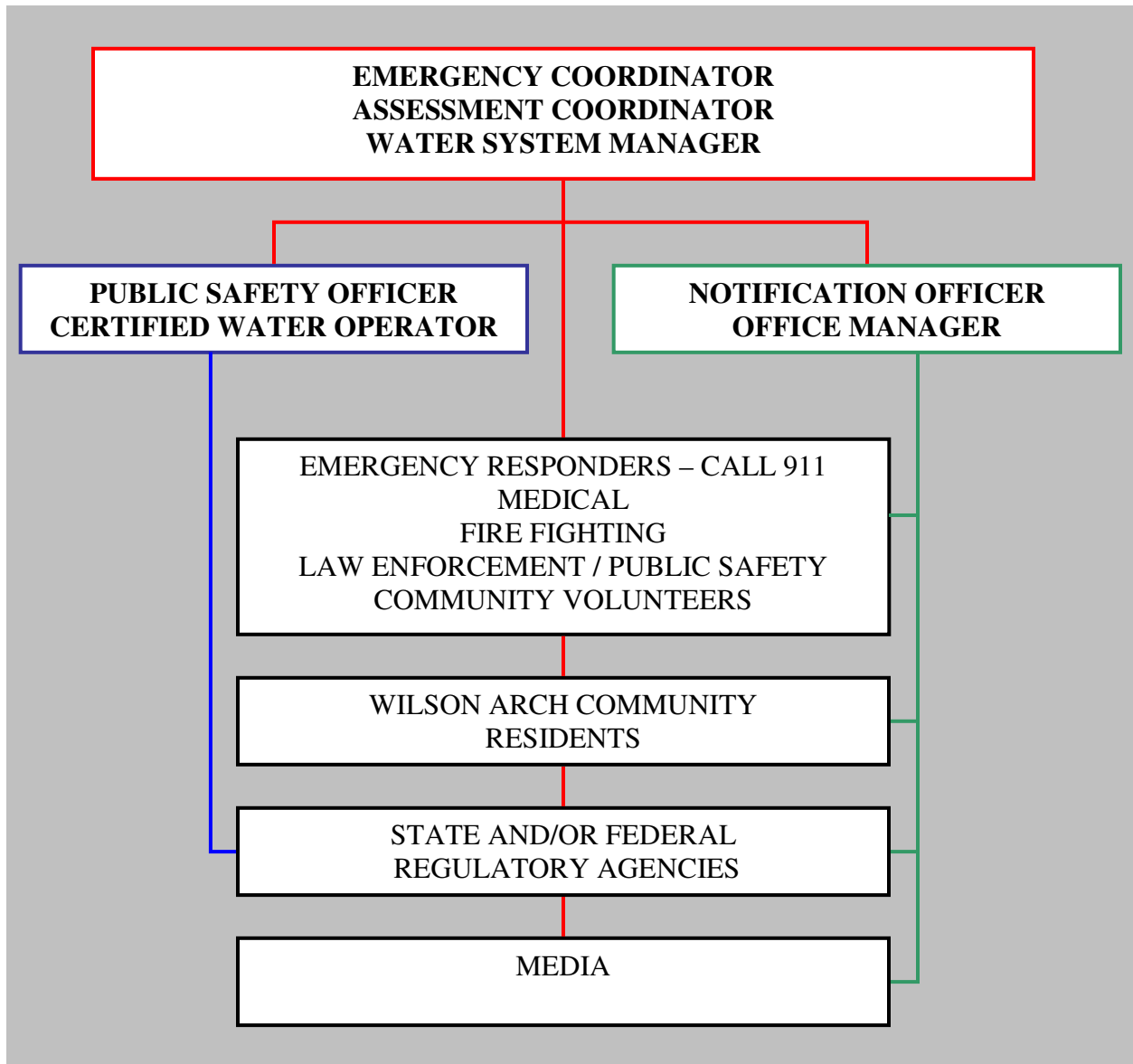
In developing this plan the use of the terms "he, his, her, or she" shall not mean a specific gender but are used interchangeably.

NORMAL PROBLEMS

During the course of normal operations, the drinking water systems will have problems – some minor, some major. This guideline will address only those potential problems that are not considered routine maintenance.

ORGANIZATION

CHAIN OF COMMAND – EMREGENCY RESPONSE TEAM



During an emergency or disaster, an Emergency Command Center will be based on the west side lot (F) 131 Joe Wilson Dr. Wilson Arch Community. Primary Phone - (435) 686-2306.

EMERGENCY RESPONSE TEAM RESPONSIBILITIES

Emergency Coordinator/Assessment Coordinator/Water System Manager – Shall be responsible for:

- Public Safety for the Wilson Arch Community Residents.
- Assessing the nature of the emergency or disaster and prioritizing the repair, replacement or abandonment of the drinking water systems' infrastructure.
- Coordination of all assigned or volunteer team members and all emergency responders.
- Approval of the water systems return to public use.
- Approval of all public notifications to be disseminated.

Public Safety Officer/Certified Water Operator – Shall be responsible for:

- Assuring public safety of the drinking water supply.
- Coordination of any individuals or crews required to correct or replace any critical drinking water system facility identified and prioritized by the Emergency Coordinator.
- The acquisition and distribution of any alternate water supply.
- Notification to the State Regulatory Agencies as may be required.

Notification Officer – Shall be responsible for:

- Coordinating the notification of any emergency or disaster to:
 - Emergency Responders
 - Wilson Arch Community Residents
 - State and/or Federal Regulatory Agencies
 - Media (Review the Public Notification/Press Releases section)
 - Caution shall be exercised to ensure all news releases to the media are accurate and not speculative. Written statements are preferred and shall be approved by the Emergency Coordinator before distribution.
 - In most cases a short statement can be made stating: “An event has occurred. Steps are being taken to correct the issue. More information will be made available in the future.”

In the event the Water System Manager is not available during an emergency or disaster, the Certified Water Operator shall assume those responsibilities.

CLASSIFICATION OF THE EMERGENCY OR DISASTER

LEVEL I – NORMAL (Routine): Personnel and equipment are available on site and can handle any system problems. The Emergency Command Center **is not** activated or manned.

LEVEL II – ALERT (Minor Emergency): Personnel and equipment are available on site but not adequate to handle the drinking water system's problem. Additional personnel, equipment, or specialized contractors are required. An interruption of the water supply must occur. The Emergency Command Center is activated and manned. Public Notification to the Wilson Arch Community Residents must be made.

LEVEL III – MAJOR EMERGENCY: Situations are beyond the capabilities of the drinking water system personnel and equipment on site. This requires a Declaration of Emergency to authorize shortcut procedures and obtain the assistance of Emergency Responders. The Emergency Command Center is activated and manned. Public Notification to the Wilson Arch Community Residents and Emergency Responders must be made. Media responses may be necessary.

LEVEL IV – DISASTER: Situations are clearly and immediately beyond the capability of the drinking water systems infrastructure or management personnel. Recovery time will exceed one week, costs will be great, large amounts of assistance of personnel and equipment by mutual aid or private contractors will be required, extended shifts will be needed for at least one week. A Declaration of Emergency will be required and the Emergency Command Center will be activated and manned. Public Notification to the Wilson Arch Community Residents and Emergency Responders must be made. Media responses are necessary.

INFRASTRUCTURE DAMAGE ASSESSMENT

The Assessment Coordinator will determine the preliminary damage and determine a priority schedule. All drinking water systems' infrastructure shall be reviewed. If the need to repair, replace, or abandon drinking water infrastructure is required at this point, a cost analysis shall be performed to include manpower, equipment rental, replacement components, alternate sources of water delivery and distribution, length of time required, and if needed temporary housing arrangements. This analysis shall be used to help prioritize the repairs required.

The after effects of the repair or replacement of the facilities and the integrity of the drinking water system itself must be considered.

Storage Tanks – Are the tanks structurally damaged? Can a repair be made or is a replacement required? Have decontamination chemicals been or expected to be introduced into the water supply?

Wells and Booster Pumps – Are the power supply sources adequate for the replacement pump/motor? Are you familiar with the pump/motor operations? Has physical damage occurred to piping or electrical controls? Is the building damaged? Is the water safe? Are decontamination chemicals required? Has the source of water changed in flow or capacity? Is the well and its associated water source at risk?

Distribution and transmission pipelines – Has a routine check of the system infrastructure been performed? Air vacuum relief valves, leaks, cracks, breaks, pressure loss in pressure zones, automatic valve failure (pressure reducing, pressure sustaining, pressure relief, high altitude, solenoid controlled, etc.), all other facilities that would be useful in determining underground piping integrity, including fire hydrants. Identify pressure zone valves and isolation valves in order to supply, divert, or isolate drinking water in the system.

Residential and Commercial Connections – Has a problem been previously reported by or to a residential or commercial lot owner? Was a repair made? Will a repair of the system infrastructure require lot owner participation?

Repairs shall be prioritized based on the nature of the repair or replacement. A ‘Priorities Schedule’ should be based on the following:

1) Drinking water system design and infrastructure.

- There are two water systems at the Wilson Arch Community. They operate independently of each other; one located on the east side and one on the west side of Highway 191. Physical infrastructure failure of one system’s will not impair the other system.
- In the event of a power outage, alternate power sources must be obtained. Well pump motors are 460 Watt, 3 Phase, with 2(two) 5 hp motors. Backup power equipment needed per well:

1 - 20 KW Multi Equipped Tow Behind Generator

2 - 50' cables per well site. (Two motors per well site will need to be operated. One for the well pump and one for the distribution system pump.)

Backup power equipment may be obtained from:

WAGNER RENTAL AND SALES
2707 US
Grand Junction, CO
(970) 245-6546

2) Medical/emergency care requirements

- **Call 911**
- Consider the long term care of residents with medical needs.
- Consider temporary housing during extended repairs.

3) Public Safety - Drinking water and sanitation needs.

- The safety of the public drinking water must be maintained. Determine if the repair will require sanitization measures to restore it to a safe status.
- Chemical treatment, water analysis, and return to service must be performed by the Certified Water Operator. Appropriate public notification shall be made.

4) Fire fighting requirements

- **Call 911**
- Response to a fire at the Wilson Arch Community is overseen by the San Juan County Fire Marshall. They in turn have contracted with the City of Monticello to respond to our area. At this time the response time is not to be expected in less than one (1) hour.
- Public Safety – Assist residents in an evacuation of facilities and make efforts to offer aid for their comfort.
 - Determine if EMS personnel are required – **Call 911**
 - Fire fighting should be left for the professionals.
 - Do not place yourself or others in harms way.

5) Drinking Water Available

- Determine the amount of “good drinking water” remaining in the system storage tanks and determine if water hauling is necessary.
- Water hauling arrangements may be made by contacting Basic Drilling in Moab, UT, Rodney “Pug” Dalton, (435) 259-7981.

MAPS OF THE DRINKING WATER SYSTEMS INFRASTRUCTURE

Maps of East Side Drinking Water System Infrastructure – pages 9.1 – 9.3

Maps of the West Side Drinking Water System Infrastructure – pages 9.4 – 9.9

IMPLEMENTATION

GENERAL INFORMATION

Announce the activation of the Emergency Plan. Use of cell phones or any other means to communicate are necessary and authorized. Volunteers, emergency responders, or volunteer residents of Wilson Arch Community shall assemble at the Emergency Command Center located at 131 S Joe Wilson Dr. (Lot F).

A written log of messages and directives given during the emergency shall be kept by the Notification Officer. This log will be used in preparing a “Post Emergency” event report and aid in future training required to ensure this Emergency Plan is adequate.

The Emergency Coordinator shall coordinate all volunteers, emergency responders, or hired contractors work assignments. He shall have the authority to delegate responsibilities to meet the needs of the emergency or disaster.

Invoices of supplies, equipment, labor, temporary housing, or any other associated cost shall be kept track of and is essential should the event be declared a disaster. This will help in receiving reimbursement funds from the State and Federal agencies.

The Notification Officer has the authority to seek volunteer assistance if required. All individuals responding to telephone or other forms of contact must be briefed on the proper response to give customers and concerned callers. All information released must be coordinated with the Emergency Coordinator. Anyone contacting the Emergency Command Center must be given the same response. Review the Public Notifications/Press Releases section of this Emergency Plan.

Ensure radio communication is limited to vital messages only. Direct and control radio channels by stating call number and announcing an emergency message is to be sent.

Liaison personnel should report to their proper Emergency Operation Centers:

- San Juan County Emergency Management shall coordinate emergency personnel and equipment responding to Wilson Arch Resort Community
 - Fire

- Medical
- Police/Sheriff
- HAZMAT Clean up

EMERGENCY MEDICAL FACILITIES

CALL 911

Emergency Medical Facilities:

<p>Moab Regional Hospital 450 Williams Way Moab, UT (435) 719-3500 Distance from Wilson Arch</p>	<p>Level IV Trauma Center</p> <p>26.1 Miles via HWY 191 North</p>
<p>San Juan Health Service District 380 W. 100 N. Monticello, UT (435) 587-2116 Distance from Wilson Arch</p>	<p>Critical Access General Medical and Surgery</p> <p>28.8 Miles via HWY 191 South</p>
<p>Blue Mountain Hospital 802 S. 200 W. Blanding, UT (435) 678-3993 Distance from Wilson Arch</p>	<p>Critical Access General Medical and Surgery</p> <p>50.1 Miles via HWY 191South</p>

EMERGENCY ASSIGNMENTS

The Emergency Coordinator shall be responsible for all personnel assignments. He shall have final authority to make any assignment he has deemed necessary to ensure Public Safety. He may assign any task, hire any contractor required, establish any alternate Emergency Command Center, or seek any financial assistance to aid in the repair, replacement or recovery of the drinking water systems. Additionally, he shall have the authority to evacuate any person from the Wilson Arch Resort Community property that hinders or impedes the emergency actions required through any means available.

All volunteers, emergency responders, or contractors' hired shall report to the Emergency Coordinator or his designated alternate to receive their assignment. They will be made aware of the level of the emergency, staging areas, lines of authority, and their direct place within the organization.

In the event of an emergency or disaster, community volunteers will take care of their families first. The Notification Officer will ensure that all community residents and responding personnel are accounted for. Provisions and plans will be made to assist in getting food, water, shelter and clothing.

Staging areas will be set up so all responding personnel know where to report to and receive their assignment when they are able. Alternate areas will be assigned in the event a staging area becomes unsafe.

EMERGENCY PERSONNEL ROSTER

The Wilson Arch Water and Sewer Company shall maintain a list of the Wilson Arch Resort Community residents and their most current contact information for emergency response notification. Emergency responders will be clearly identified.

An Emergency Response Duty Roster shall be developed to include ALL personnel responding to the emergency or disaster and aid in tracking their status. Rotation of personnel will ensure they are being appropriately rested and fed. Assignment of areas will enable the Emergency Coordinator in expeditiously moving manpower throughout the drinking water system should they be needed in another area, or if injury were to occur.

FIRE FIGHTING / LAW ENFORCEMENT AGENCIES

CALL 911

San Juan County Fire Marshall will be notified by the Emergency Management Services Dispatch. He will maintain full responsibility and control in fighting any fire, or dispatching other cooperative agencies. The Emergency Coordinator will ensure responding personnel are familiar with the location of fire hydrants or any other fire fighting resource they may request. The Emergency Command Center shall establish a designated area for their use away from the general public. Unauthorized persons should be kept away from their activities to ensure public safety.

At this time there are no known hazardous materials kept on or near the drinking water systems. Chemicals are not currently required to treat the drinking water sources. Chemicals used to sanitize the system infrastructure are brought in on an as needed basis.

The San Juan County Local Emergency Planning Committee (LEPC) may be contacted for further guidance. Contact the San Juan County Emergency Manager:

Kelly Pehrson
(435) 587-3225 office
(435) 459-0587 cell

PRIORITIZE WORK/REPAIR NEEDED

GENERAL INFORMATION

Fire fighting activities will seriously deplete the drinking water supply. This may mean that drinking water will have to be imported. It can also mean that contamination could be introduced into the system. Consequently, the drinking water system management should consider this situation and plan for contingencies. As a worse case scenario, **preserve the remaining water in storage!** If need be, limit fire fighting capabilities in critical water shortage areas. The fire fighters won't like it, but drinking water is the top priority.

Isolate areas that will take the longest to restore service and arrange for emergency water distribution.

- Establish drinking water distribution points and ration remaining water.
- Locate bottled water distribution points to serve immediate water needs.
- Arrange for trucks and trailers with water tanks (National Guard Units) for water distribution.

Identify the areas that can be served with a minimum of repair and then prioritize the other service areas that will need more extensive repair.

Set priorities on the repair work. In so doing, consider the following:

- Prepare a plan to restore each service area.
- Plan to restore the service areas one by one, not the entire system at once.
- Get input and advice from other agencies, (Local, County, and State) on essential uses.
- Take into account the condition of the transmission lines from the water sources.
- Keep in mind the need for fire fighting (even if it will be limited).
- Determine if imported water is available and how to distribute it.
- When the repairs exceed the capabilities of your water system, notify the County or State Emergency Operation Center for assistance and coordination of assistance.

POSSIBLE EMERGENCY EQUIPMENT AND MATERIAL ROSTER

Sources of Water – Interagency Agreements:

City of Moab
Patrick Dean – Public Works
(435) 259-7485
(435) 355-0661

City of Monticello
Nate Langston – Public Works
(435) 587-2271
(435) 459-0078 cell

Water Hauling

Basic Drilling, LLC.
Moab, UT
Rodney “Pug” Dalton
(435) 259-7981

Certified Water Operator

L6 Enterprises, LLC.
Monticello, UT
Samuel Long
(801) 891-5513

Laboratory Testing

Chemtech-Ford, Inc.
Sandy, UT
(801) 262-7299

Engineering

Sunrise Engineering
Fillmore Utah
Mitchell Heap
(435) 562-4083

Certified Plumber

JB Plumbing
Moab, UT
Jake Bartholomew
(435) 220-0076

Electrical

Hillside Electric,
LLC. Moab, UT
Denis Morgensen
(435) 259-7859

DISPATCHING PERSONNEL AND EQUIPMENT

EMERGENCY ASSIGNMENTS

The Emergency Coordinator will advise the responding community volunteers of their assignments, the level of the emergency, staging areas, lines of authority, and their direct involvement within the emergency organization.

All drinking water system infrastructure repairs will be coordinated with the Water System Manager and Certified Water Operator. The Emergency Coordinator will ensure that additional personnel (including volunteers) are assigned when and where needed.

EMERGENCY PERSONNEL ROSTER

Water System Manager / Emergency Coordinator / Assessment Coordinator

Craig Simpson
31 W. Ryans Court
Wilson Arch Community
(601 297-8288 cell)

Certified Water Operator / Public Safety Officer

Samuel Long
Monticello, UT
(801) 891-5513

Office Manager / Notification Officer

Eric Lindscheid
LaSal, UT
(907) 539-6829

San Juan County Emergency Management / Call 911

Kelly Pehrson – Emergency Manager
(435) 587-3225 office
(435) 459-0587 cell

REQUESTS/RESPONSE FOR EMERGENCY AID

AUTHORITY TO REQUEST AND TO PROVIDE ASSISTANCE

The Emergency Coordinator shall have full authority to request and provide emergency assistance within the drinking water systems without restriction. This authority shall include obtaining any assistance from other agencies, contractors, volunteers, financial assistance, housing assistance, food and water sources.

COMMERCIAL SUPPLIERS OF EQUIPMENT AND MATERIALS

Commercial suppliers of equipment or materials required to meet the needs of a drinking water system emergency shall be obtained from the supplies previously noted in this Emergency Plan or from any other source available. Public safety is the priority.

NEIGHBORING AGENCIES AND AGREEMENTS

Wilson Arch Community falls within the authority of San Juan County Emergency Management. Full authority shall be given to the San Juan County Emergency Manager to request and provide emergency assistance utilizing neighboring agencies and agreements they have established.

PUBLIC NOTIFICATION/PRESS RELEASES

GENERAL INFORMATION

The release of information to the public and news media must be accurate and issued through the Notification Officer. The type of information provided will vary with the type of emergency, but the following guidelines should be followed:

- Use centralized news releases and statements to avoid contradictory and confusing statements.
- When responding to questions make only factual responses. Never guess, speculate or exaggerate. If the answer to a question is not known, tell the reporters: “I don’t know”, then give them an indication of when you might know or an explanation as to why the answer is unknown.
- Inform the public of any possible contamination of the drinking water and resulting boil orders.
- Inform the public of the availability and location of alternate sources of drinking water.
- Inform the public of drinking water rationing if implemented.
- Media tours will not be allowed during the emergency. For safety reasons, do not allow the news media to wander around the work sites.

RECOVERY CHECKLIST

The Emergency Coordinator's duties following a drinking water system emergency or disaster shall include the following:

- Coordinate the completion of all emergency repairs and schedule permanent repairs.
- Complete permanent repairs and replacements of the drinking water systems' infrastructure.
- Conduct a detailed safety inspection of the drinking water systems' infrastructure.
- Notify key agencies (local and state health departments) of emergency repair status and the scheduled completion of the systems' repairs.
- Obtain the results of any required water tests to ensure safe drinking water has been restored.
- Release repaired drinking water systems' infrastructure and equipment for normal usage.
- Notify the Public of the safe drinking water status.
- Replace or authorize replacement of materials and supplies used during the emergency.
- Document all contracts, agreements and emergency work or materials used during the emergency to ensure proper payments and reimbursements.
- Obtain financial assistance from any available source and ensure vendors are paid.
- Meet with the community volunteers and the San Juan County Emergency Manager to review the emergency or disaster and evaluate the performance of the Emergency Team to determine where improvements can be made.
- Make amendments to this Emergency Plan to ensure a response to the next drinking water system emergency or disaster is appropriately outlined.

The Emergency Coordinator shall have the authority to assign tasks to those best qualified to accomplish these tasks.