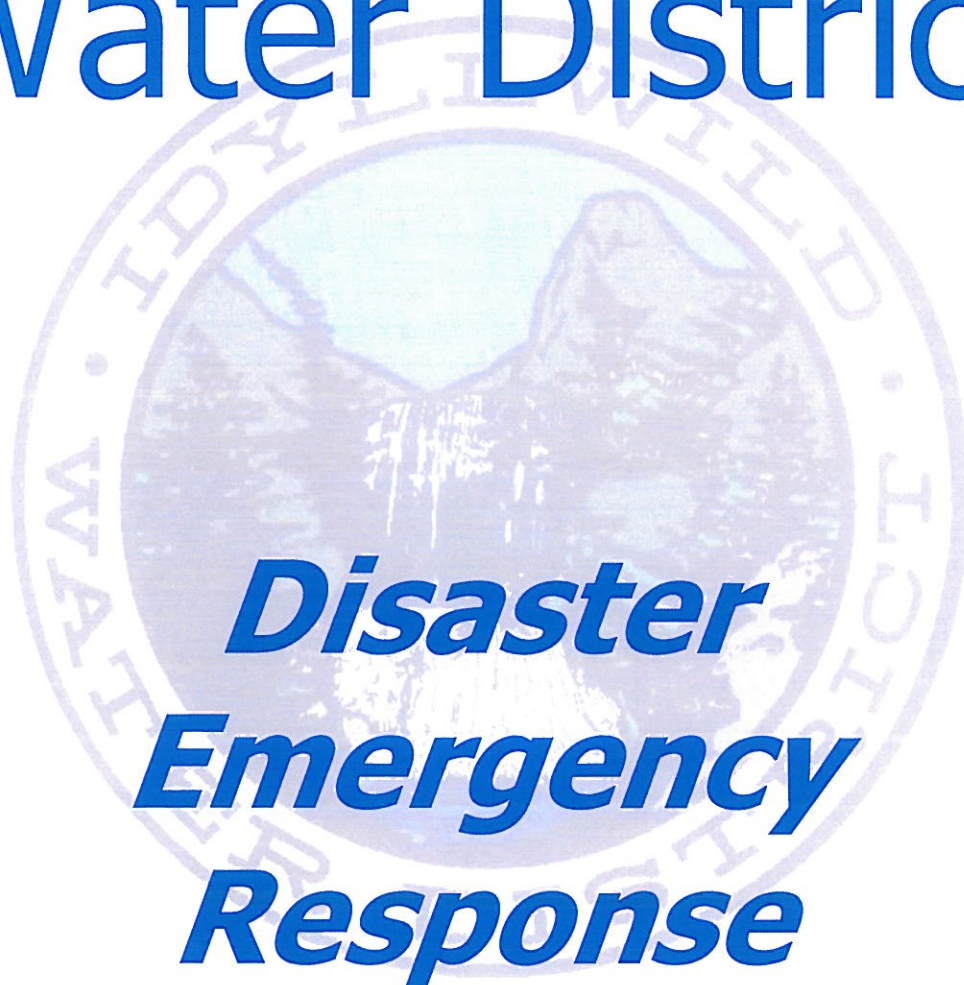


# Idyllwild Water District



## ***Disaster Emergency Response Program***

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## Glossary of Terms

<b>C.I.O.</b>	Community Involvement Officer. President Jim Billman, or Vice President John Cook (Alternate)
<b>D.O.C.</b>	Disaster Organization Committee: Department heads appointed by General Manager to take charge of their respective operation. 1. Bill Rojas 2. Nick Iliev 3. Hosny Shouman
<b>G.L.</b>	Government Liaison. Liaison from State, Federal or County governments.
<b>G.M.</b>	General Manager. (Tom Lynch) Determines extent of damage and details of situation; establishes connections with Board of Directors, appointing C.I. officers if necessary; public release of information; works with government liaison officers; deploys D.O.C. members.
<b>O.M.</b>	Office Manager. (Hosny Shouman/Kelly Clark) Communications; documents expenses; tracks emergency calls; contact with field crews; records all expenses, hours worked, materials, equipment rental, room and board, etc.
<b>Water Employees</b>	Checks each well, each booster, and each tank and shuts down if necessary, notifying the D.O.C.; CALLS FOR Bacti tests; checks chlorinators and adjusts as needed, verifies telemetry alarms. (As Assigned)
<b>Base Station</b>	Radio communications center.
<b>Base Station Operator</b>	Main Radio Communicator. (Kelly Clark)
<b>Emergency Operations Center/ Command Post</b>	Idyllwild Water District 25945 Hwy 243, Idyllwild CA 92549 (951) 659-2143 Board Room (951) 659-2144
<b>Inspector/ Damage Assessor</b>	Field employee assigned to specific area during emergency response.
<b>Management Team</b>	Comprised of each department head, i.e., office, field, engineering and General Manager.
<b>Mobilization</b>	Idyllwild Water District's initial response to the emergency.

<b>Mutual Aid Agreement</b>	Agreement with the utility providers and government agencies within the immediate area of the Idyllwild Water District.
<b>Non-Working Hours</b>	All other than regular working hours.
<b>Normal Duty Personnel</b>	The persons normally assigned will proceed with their duties until the D.O.C. is established.
<b>Office Mgr./ System Dispatcher</b>	In charge of the office and radio communications center. This person is Lauren Green, assigned by the G.M.
<b>Regular Working Hours</b>	8:00 a.m. to 5:00 p.m. Monday through Friday (Excluding Saturdays, Sundays and Holidays)
<b>Water Maint. Tech IV</b>	Bill Rojas
<b>Water Maint. Tech II</b>	Gary Steele
<b>Water Quality Representative</b>	Sewer Dept. Chief Operator; is responsible for providing technical assistance. Nick Iliev
<b>Short Wave Radio Operators' Agreement</b>	Local short wave radio groups to assist the District in event of extended loss of communication.

## **BASIC PROGRAM SECTION**

### **PURPOSE**

The Basic Program presents Idyllwild Water District's planned response to extraordinary emergency situations resulting from natural disasters, system failures and other unforeseen circumstances. This section of the Emergency Response Program discusses Idyllwild Water District's organization and strategy for emergency response.

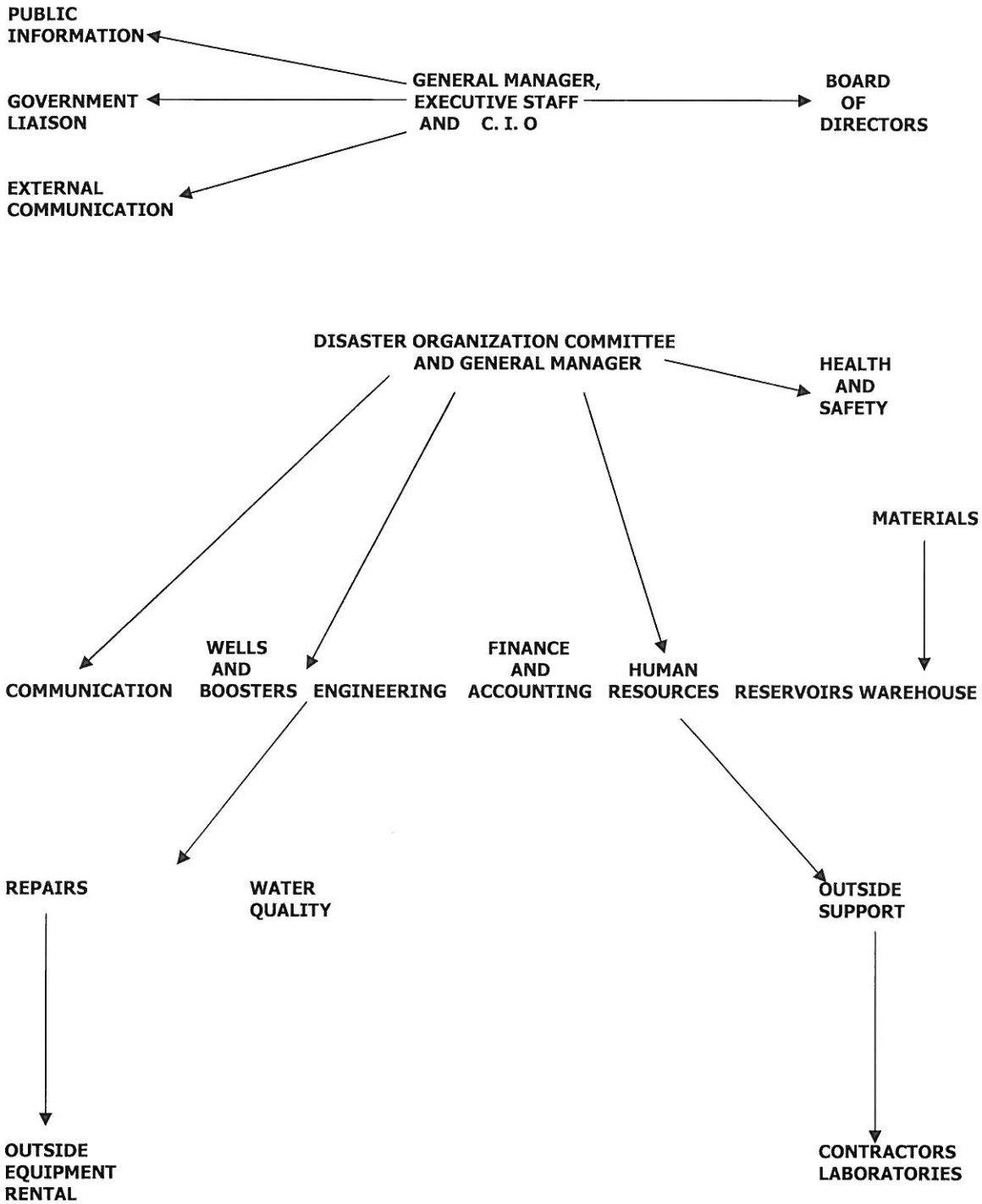
1. This program provides the guidelines for evaluating an emergency situation, procedures for activating an emergency response and details of the different phases of response. It does not identify and discuss every potential situation, which may occur during an emergency. A situation may develop which warrants quick operational changes or actions to prevent serious danger to life and/or extensive property damage. Actions which could have a significant effect on the water system, which are considered major, and should be taken only if they are absolutely necessary in the judgment of the person who initiates such actions.

### **STRATEGY AND ORGANIZATION**

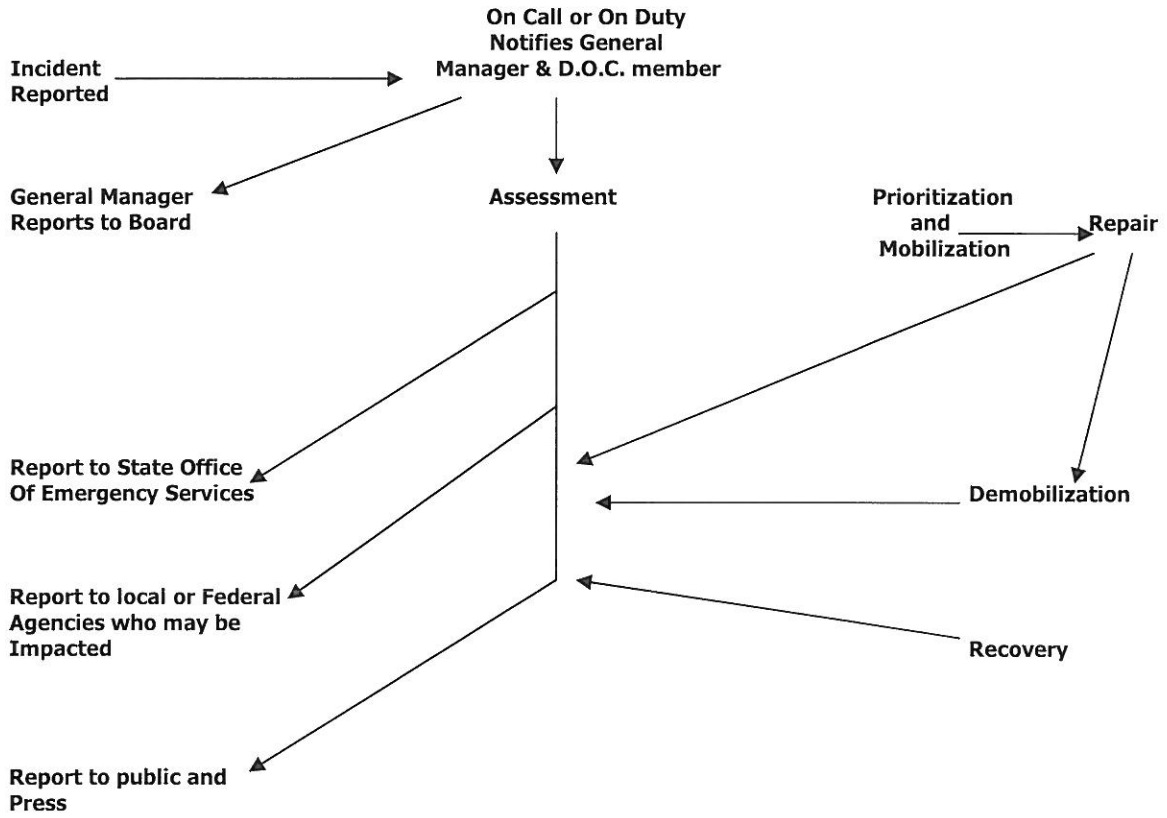
2. Idyllwild's overall response to an emergency which poses a potential for widespread impact on its water & wastewater system will be directed by the Sewer and Water Department's Chief Operators or their alternates. The office will be directed by Hosny Shouman.

This transfer of responsibilities from normal organization to the Disaster Organization Committee is necessary to ensure that all actions are coordinated.

**IDYLLWILD WATER DISTRICT  
EMERGENCY ORGANIZATION CHART  
NOTIFICATION LIST**



# IDYLLWILD WATER DISTRICT EMERGENCY ORGANIZATIONAL PROCESS



## EVALUATION OF EMERGENCIES

In following adopted State, Federal and other governmental agencies' policies, an emergency can be classified into one of three levels of severity: Minor (Level I), Major (Level II), or Catastrophic (Level III). The purpose of this rating system is to provide a universal standard for determining how and when to activate an emergency response.

In the case of earthquakes, the "Richter" magnitude scale and the "Modified Mercalli" intensity scale will be utilized to define the various levels of emergency. (Refer to Table I on the following page for a comparison of the two scales). For other emergencies the level of severity will be determined in a subjective manner.

(See Emergency Earthquake Plan)

**TABLE I**

<b>Mercalli Intensity</b>	<b>Description</b>	<b>Richter Scale Magnitude</b>
<b>I Instrumental</b> (Level I-Minor)	Detected only by seismograph	—
<b>II Feeble</b> (Level I-Minor)	Noticed by sensitive people	<b>0.1 to 3.4</b>
<b>III Slight</b> (Level I-Minor)	Like the vibrations due to a passing truck	<b>3.5 to 4.2</b>
<b>IV Moderate</b> (Level I-Minor)	Felt by people while walking; loose objects begin to rock	<b>4.3 to 4.8</b>
<b>V Rather Strong</b> (Level II-Major)	Felt generally; most sleepers are awakened	<b>4.9 to 5.4</b>
<b>VI Strong</b>  (Level II-Major)	Trees sway, all suspended objects swing, damage by overturning and falling of loose objects	<b>5.5 to 6.1</b>
<b>VII Very Strong</b> (Level II-Major)	General alarm, walls crack, plaster falls	<b>6.1 to 6.3</b>
<b>VIII Destructive</b> (Level III-Catastrophic)	Car operation is affected; poorly constructed masonry buildings are damaged	<b>6.3 to 6.9</b>
<b>IX Ruinous</b> (Level III-Catastrophic)	Some houses collapse where ground begins to crack and pipes break	
<b>X Disastrous</b> (Level III-Catastrophic)	Ground cracks badly, many buildings destroyed and railway lines bent	<b>7.0 to 7.3</b>
<b>XI Very Disastrous</b> (Level III-Catastrophic)	Few buildings remain standing, bridges destroyed, all utilities are seriously damaged, great landslides	<b>7.4 to 8.1</b>
<b>XII Catastrophic</b> (Level III-Catastrophic)	Total destruction, objects thrown into air, ground rises and falls in waves	<b>8.2 +</b>



## **Level I (Minor)**

During regular working hours, the Inspectors/Damage Assessors and other designated emergency personnel will immediately proceed with their emergency response assignments. Other emergency personnel will be activated as deemed necessary. When inspections have been completed, Inspectors/ Damage Assessors will use the District's two-way radios to report damage to the system dispatcher.

The system dispatcher will forward damage reports to the G.M. or his alternate who may request additional personnel to be mobilized to the areas of reported significant damage. Based on the report, the Emergency Operations Center may or may not be activated.

## **Level II (Major)**

If a Level II emergency occurs during regular working hours, personnel assigned to the Disaster Organization Committee (D.O.C.) led by the G.M. are required to perform any assigned routes and report to the Emergency Operations Center (Command Post) for emergency duty. Emergency field personnel will immediately proceed with their emergency response assignments. Other emergency personnel will receive instructions from the Command Post as deemed appropriate by the G.M.

During off-hours, all personnel designated to the Command Post will report for emergency duty.

## **Level III (Catastrophic)**

A Level III emergency requires full mobilization of Idyllwild Water Department's employees and resources. In the event of a catastrophic emergency, which affects all, or a majority of its entire service area, Idyllwild Water District would require assistance in the form of manpower, equipment and materials from outside agencies and organizations.

3. In ensuring the availability of outside assistance, Idyllwild Water District has developed a mutual aid agreement with other utilities and government agencies. During a Level III emergency, all inside and outside emergency response efforts will be coordinated through the D.O.C., under the direction of the G.M.

## **LEVEL I: MINOR EMERGENCY**

**A minor to moderate incident wherein local resources are adequate and available.**

### **Level I examples:**

- Local flooding
- Short-term power failure over a large portion of Idyllwild Water service area
- Minor earthquakes

### **Level I earthquakes are those that:**

- Are felt by sensitive people
- Feel like vibrations due to a passing truck
- Are felt by some people while walking
- Wake up some sleepers
- Cause trees to sway and most suspended objects to swing

Level I earthquakes generally have a Richter Magnitude of less than 5.5 and Mercalli Intensities of I to VI. However, when evaluating the potential impact of an earthquake, and earthquake's epicenter location must also be considered. For example, a Level I earthquake with an epicenter located near one of Idyllwild Water District's major facilities could conceivably have the same effect as a Level II earthquake with an epicenter located outside Idyllwild's service area. The 1989 Malibu, 1989 Newport and 1988 Pasadena earthquakes are examples of Level I earthquakes. Depending on the level of local damage, the emergency operations center may be activated.

## **LEVEL II: MAJOR EMERGENCY**

**A Moderate to severe emergency wherein local resources are not adequate and mutual aid may be required on a regional or statewide basis.**

### **Level II examples:**

- Regional flooding
- Power failure throughout Idyllwild service area
- Strong to Very Strong earthquakes

### **Level II earthquakes are those that:**

- Are felt by moving people and drivers of cars
- Wake most sleepers
- Cause major power outages
- Cause major cracks in walls and destroy some weak buildings
- Sever utilities, and pipelines in some areas
- Cause some telephone outages
- Vibrate some structures off their supports

Level II earthquakes generally have Richter Magnitudes of 5.5 to 6.1 and Mercalli Intensity levels of VI to VIII. The 1987 Westmoreland and the 1987 Whittier earthquakes have been classified in this category.

## **LEVEL III: CATASTROPHIC EMERGENCY**

**A major disaster wherein resources in or near the impacted area are overwhelmed and extensive State and/or Federal resources are required.**

### **Level III examples:**

- Catastrophic earthquakes

### **Level III earthquakes are those that:**

- Cause regional power outages
- Destroy and damage many buildings
- Sever pipelines in many areas
- Cause widespread telephone outages
- Create various fires and chemical explosions

The Richter Magnitude for Level III earthquakes ranges from 6.1 to greater than 8.0 and from VIII to XII on the Mercalli Intensity scale. The 1985 Mexico City, 1988 Armenia, 1989 Loma Prieta (San Francisco) and 1992 Landers earthquakes have been classified in this category. The infrequent occurrence of this level earthquake makes it difficult to identify the amount of damage, which could be caused locally and regionally. However, a Level III earthquake is expected to result in widespread and extensive damage near the Idyllwild Water District.

## MOBILIZATION

Idyllwild Water District's initial response to an emergency will be to determine the level of mobilization necessary to meet the immediate, primary objectives. The level of mobilization will be dictated by the initial preliminary inspection of facilities.

**The mobilization levels have been defined as follows:**

<b><u>Level of Emergency</u></b>	<b><u>Richter Scale</u></b>	<b><u>Mercalli Scale</u></b>	<b><u>Level of Mobilization</u></b>
<b>Level I (Minor)</b>	<b>Less than 5.5</b>	<b>I – IV</b>	<b>Limited mobilization, no damage, moderate shaking</b>
<b>Level II (Major)</b>	<b>5.5 to 6.0</b>	<b>VI – VIII</b>	<b>Mobilization required, moderate damage incurred</b>
<b>Level III (Catastrophic)</b>	<b>6.1 to 10</b>	<b>VIII – XII</b>	<b>Mobilization required, major damage incurred</b>

## **RESPONSE PHASES**

### **Limited Mobilization**

Rapid inspections are conducted to determine if there are injuries or damages, which might affect the system.

### **Mobilization**

Emergency communication flow is indicated by activating the Command Post. Additional inspection procedures are followed. Engineering and other personnel are mobilized as necessary.

All management assigned to the D.O.C. will assume and coordinate emergency responsibilities.

### **Continuous Service Period**

Any work performed for the District within a 24-hour period starting from the beginning of the employee's work shift to his/her next work shift without a four-hour break shall be considered continuous service.

### **Overtime**

Continuous work period in excess of employee's normal work shift.

### **Required Rest Period**

Any employee who works over sixteen hours of continuous service shall receive no less than eight hours rest before reporting back to work. Any employee who works over twenty-four hours of continuous service shall receive no less than twelve hours rest before reporting back to work. Should said rest period overlap the employee's normal shift time, the employee will receive administrative leave for those hours during the required rest period which overlap the employee's normal scheduled work shift.

### **Facilities Inspection**

Personnel with initial inspection duty shall move quickly and make note of where major damage has occurred or where the potential for damage is visible. The purpose of this brief inspection is to develop an overview of the situation and establish priorities. If deemed necessary, a detailed inspection shall be conducted. Unless otherwise noted, the following assignments are value for both ON and OFF duty emergencies.

### **All Water System Management Team**

(After route assignment) Shall report to District Office to assume their emergency response duties.

### **All other emergency and non-emergency personnel**

Not required to respond to an emergency while off-duty. Shall report to their regular work location at their normally scheduled time unless otherwise notified.

### **Water Dept. Chief Operator**

Shall verify that telemetry control equipment is operational and make note of any activated alarms. (Filtration Plant)

### **Communications**

Base station operator (Lauren Green) shall make contact with all inspection personnel to verify radio communication. All radio communication will be restricted to essential communication only. Chief Financial Officer (Hosny Shouman) will be responsible for D.O.C. arrangement, screening calls, phone setup and security of the Command Post.

### **Standard Operating Procedures**

During the emergency, all radio communication shall be strictly controlled; non-essential use shall be eliminated. Messages and reports shall be kept concise and clear to avoid misunderstanding.

### **Damage Assessors and Inspection**

Patrol and inspection personnel shall use the District's two-way radio system and report their findings. If immediate danger exists which poses threat to life or property on the water distribution system, on-site personnel should initiate immediate corrective action where possible or should recommend action to others.

Personnel assigned to areas where no damage or minor damage has occurred shall report in, but shall limit their reports to "area secure".

After all preliminary reports have been received; detailed reports of the inspected areas shall be relayed to the D.O.C. if necessary.

### **Operational Changes**

During an emergency, operation of the water and wastewater systems will be directed by the D.O.C. Water shall be routed to maintain service as deemed necessary by the G.M. or his alternate. No operational changes in the distribution system are to be initiated without the consent of the G.M. or his alternate, unless an immediate danger to life or property exists.

### **Full Mobilization**

#### **Engineering Consultant (John Egan, Engineering Resources)**

The District's engineering consultant will assist the G.M. by assessing the extent of damage and recommending methods of emergency repairs to restore safe operation of the water and wastewater system.

In the event of a Level II or Level III emergency, the Engineering consultant will contact the Command Post to help coordinate efforts in the recovery of normal operations.

## EMERGENCY RESPONSE

All field employees should take their assigned route unless otherwise directed by the Sewer and Water Department's Chief Operators. We should all check in as soon as possible after an incident has occurred, make broadcasts short and to the point as radio traffic may get heavy.

### **ROUTES:**

**G.M.**- Tom Lynch will check the South Ridge Tanks & Booster stations and the Golden Rod Tank on his way into the office.

**Sewer Dept. (Chief Operator)** – Nick Iliev will check the wastewater plant on his way into the office.

**Water Dept. (Chief Operator)** - Bill Rojas will check the Foster Lake tanks, Aeration & Filtration plants and the Dam on his way into the office.

**Maint.Tech III** – Bill Rojas will check the Rockdale Tank and the Wildwood Tank on his way into the office.

**Maint.Tech I** – Gary Steele will check the Fern Valley Station & Tank on his way into the office.

If anyone is off work at that time you may be called to share the route of that person.

Although our primary propose is to maintain our water and wastewater systems, you should call in any other life threatening situation, wires down, road damage, fires, etc. Give location and problem, so that the proper response can be called. Any serious leaks should be called in and turn off necessary valves, including tank valves. Call in any valves turned off. You should call in every 15 minutes for tracking.

After the first damage assessment of the system, the office will direct repairs.

**Nick & Bill** – You should have the emergency phone numbers listed so you know who to call when you need materials.

The office will be ready to call in emergency look-ups.

During the initial response and damage assessment phase, all staff members will be directed by normal duty personnel as regularly assigned. Once the D.O.C. is established, the Department managers will report all status to the G.M. During the recovery phase, all appropriate staff will be under the direction of the G.M. through the D.O.C.



For District-wide emergencies, the G.M. shall be responsible for the following:

- Evaluating the risk potential
- Determining source and possible effect
- Delegating responsibility and authority
- Assessing priorities in terms of manpower, materials and equipment
- Mobilizing proper response effort, both internal and external, and establishing communications with management.

The emergency support team includes staff, representatives from the community, (Board Members), and engineering, warehousing and legal personnel. Depending on the nature and severity of the emergency, the G.M. may activate one or all members of the emergency support team. During an emergency, the G.M. has full authority to make decisions for the District, keeping in constant contact with the Board of Directors. The General Manager is the liaison between the members of the Board of Directors, the public and government.

### **Priority Customers to contact:**

Idyllwild Elementary School	951-659-0750
Idyllwild Arts Academy	951-659-2171
Idyllwild Health Clinic	951-659-4908
Fern Creek Medical Center	951-659-9912
Idyllwild Ranger Station	951-659-2117
Guided Discoveries	951-659-6062
Riverside County Visitor's Center	951-659-3850
Mt. San Jacinto Park	951-659-2656
Idyllwild Pines Camp	951-659-5195
Camp Maranatha	951-306-9680

# **REPORTING PROCEDURES FOR "LOCAL" REPORTABLE INCIDENTS AND EMERGENCIES**

## **Introduction**

Field personnel are periodically confronted with situations, which could be classified as reportable incidents or emergencies. The series of activities triggered by the discovery of such incidents can be divided into three phases:

1. Discovery
2. Assessment
3. Response

## **Discovery of Potential Incident**

When discovering an unusual incident the first priority of the observing personnel must be to determine if the situation is immediately life threatening. If the circumstances present an immediate danger to human health or safety, the discovering personnel should proceed to:

1. Call "911" or other known telephone numbers for emergency services in the area
2. Contact the appropriate D.O.C. member to report the situation.
3. D.O.C. to notify the G.M to mobilize the proper response

If the situation is not immediately life threatening the discovering personnel should notify local supervision.

## **Assessment of Incident**

The water and wastewater Chief Operators will investigate the incident and evaluate the seriousness of the situation and be responsible for notifying the appropriate emergency support group.

Following completion of the assessment process, the D.O.C. member, Hosny Shouman, will be responsible for notifying the G.M.

## Idyllwild Water District Emergency / Disaster Response Plan

To continue minimum service levels and mitigate the public health risks from drinking water contamination that may occur during a disaster or other emergency events and in order to provide reliable water service and minimize public health risks from unsafe drinking water during those events, the Idyllwild Water District water system proposes the following plan that defines how it will respond to emergencies and/or disasters that are likely to affect its operation.

Disasters/emergencies that are likely to occur in the Idyllwild Water District water system's service area that are addressed are: earthquake, major fire emergencies, water outages due to loss of power, localized flooding and water contamination.

1. **Designated Response Personnel:** For designated responsible personnel and chain of command and identified responsibilities see attached sheet.
2. **Inventory of Resources:** An inventory of system resources that are used for normal operations and available for emergencies, include maps and schematic diagrams of the water system; lists of emergency equipment; equipment suppliers; and emergency contract agreements are kept at the Idyllwild Water District Office.
3. **Emergency Operations Center:** The Idyllwild Water District boardroom, Idyllwild, CA, has been designated as the communication network emergency operations center. Emergency contact information for equipment suppliers is attached. The telephone number (951) 659-2143 and fax (951) 659-9990 will be the primary mode of communication in an emergency, in addition the local fire department has a radio and we have made arrangements to use it contact police, fire and other emergency response personnel should telephone communication be lost.
4. **Other Agency Coordination:** Coordination procedures with governmental agencies for health and safety protection, technical, legal and financial assistance; and public notification procedures are continually being developed and updated through regulation and experience and will be added as necessary to this plan.
5. **Response Procedures:** Personnel will, as quickly as possible determine status of other employees, assess damage to water system facilities; provide logistics for emergency repairs; monitor progress of repairs and restoration efforts and communicate with health officials and water users (according to "Emergency Notification" on file with the Department); and document damage repairs.
6. **Resume Normal Operations:** The steps that will be taken to resume normal operations and to prepare and submit reports to appropriate agencies will include identifying the nature of the emergency (earthquake causing water outage/leaks, fire or power outage causing water shortage/outage).
  - a. **Leaks or service interruption** (result of earthquake, etc.)
    - i. Isolate leak. Turn power or flow off if necessary to control leak

- ii. Repair or isolate break to allow service to the maximum system population possible. Disinfect as per attached AWWA standards, increase system disinfectant residual as precaution, until normal service is resumed.
  - iii. Do bacteriological sampling until 3 good consecutive samples are confirmed.
  - iv. Reestablish normal service.
- b. Low Pressure** (earthquake, fire, storm)
- i. Increase production, if possible, to provide maximum system output.
  - ii. Increase disinfectant residual as precaution to potential contamination
- c. Power Outage.**
- i. Identify location and source of contamination.
  - ii. If contamination is from system source isolate or treat source.
  - iii. If contamination is an act of sabotage, take appropriate action based on nature of contamination. Contact Sheriff's Office and Health Department. Actions could include; shut off water until all contaminants are identified and corrected, or as directed by the Department.

All significant water outages (widespread and lasting more than eight hours) or disinfection failure will be reported to the Department of Health Services District Office by telephone or equally rapid means. All emergencies will be documented along with action taken, and kept in the files of the Idyllwild Water District. Acts of sabotage will be reported to the local law enforcement agency.

Our community is very small and the most efficient means of notification will be both sound truck and handbill. It is estimated that the entire service area can be covered in less than three hours.

# EMERGENCY EARTHQUAKE PLAN

This document outline was prepared to be used after a major earthquake in our vicinity. The emphasis is on what the routine for checking out the District after such an earthquake should be.

## **General Non-Earthquake Emergencies:**

Currently the District has stand-by-emergency coverage 24 hours a day, 7 days a week. Our emergency response system is controlled by our answering service. Any person calling the District after hours will reach this service. The caller describes the problem to the service and leaves a call back number and address. The service then contacts the on-call stand-by personnel. If a response is needed they respond accordingly.

## **Major Earthquake:**

In the event of a major earthquake, several areas of major concern come forth:

1. Dam Failure
2. Major Line Breaks
3. Storage Tank Breaks

During a major earthquake, emergency phone lines will probably be impacted, so our radio communications become paramount. We can communicate with the other two water districts in the event of such an emergency.

### **Channel 1: IWD**

### **Channel 2: PCWD**

### **Channel 3: FVWD**

1. Staff has been instructed to check the dam for the following: Surface cracking, wet spots or seepage, water flow and uncontrollable water flow. If either of the last two conditions exist, action must immediately be taken. The Lake drain must be opened to allow water to escape from the Lake in a controlled manner. These procedures should only be attempted if the conditions for accessing the area are deemed safe. This draining procedure should continue until such time as the water level behind the lake has dropped enough to eliminate the immediate danger.
2. If the drain has to be opened to avoid a breached situation, the immediate supervisor should be contacted along with the dam safety personnel and the sheriff's department. Included is "Emergency Notice Procedures" from the Division of Safety of Dams.

If no flow through the dam is visible, the existing condition should be noted and the inspection continued.

3. By driving from the Foster Lake area to town, the major 10" transmission main can be visually inspected for main line breaks. If a major leak or break is detected the appropriate isolation valves should be activated to stop the flow of water. Additional staff should be called in to help with repairs.

After the flow has been controlled, the inspection should continue. A drive through town in route to the storage tank areas will cover most of the main transmission lines. Much care and consideration should be used when shutting down any active water line. Because of our mountainous environment, high pressures can be expected and due caution must be used.

Because of limited production capabilities during such times, tank storage will be essential. Also to be taken into consideration is fire protection. Much valving and re-routing of flows will most likely take place to keep water available in as many areas as possible.

4. While inspecting main lines, tank locations should be checked. Personnel will be looking for noticeable dropping of tank levels or ruptures in tank panels. If tank levels are dropping, the tank should be isolated to prevent entire contents from being lost. Further investigating for other breaks should be conducted until the reason for the tank level dropping is found. Be aware of fire fighting needs.

The District has one primary auxiliary generator and one small single use generator, which can be put to use in several locations. The 125 kW primary stationary generator is for the Wastewater Treatment Plant and the 25 kW portable is for the Foster Lake area wells and treatment plant. The generator is supposed to run the major wells in that area plus the lake pump to the Water Treatment Plant. The smaller generator will be used in support areas, power for the shop and/or shop office communications.

- 1 – 125 kW primary generator at Wastewater Treatment Plant
- 1 – 25 kW stationary generator at office
- 1 – Mobile generator/welder on mobile unit 8
- 1 – 25 kW portable generator/Foster Lake wells

## **Activation of Emergency Response**

If an emergency or reportable incident is declared, the G.M. or his designee will notify the emergency response personnel and establish the Command Post. It should be noted that at any time the G.M. might delegate some response and/or responsibilities, as appropriate.

During the emergency response, the local G.M. will manage and direct all activities from the Command Post. Responding outside agency personnel will be requested and directed to check in at the Command Post before being directed to the site of the incident. Throughout the response, the G.M. will be responsible for maintaining the flow of communication to management and the Board of Directors.

The General Manager, when deemed necessary, will establish communications with the Board of Directors and the community, and be responsible for public notice. If necessary, the appropriate D.O.C. member will notify the California Department of Health Services.

During an emergency response, the G.M. will oversee the activities of the emergency support team.

In addition to the following specific responsibilities, the support team members will coordinate the required verbal notifications to various outside agencies that are also affected. Upon such notification the G.M. will be advised of the time of the call, the contact, and the name of the person making the call.

## **Emergency Support Team Responsibilities**

The Community Involvement Representatives (President Billman or Vice President Cook) will respond to community questions.

The Water Quality Representative (Nick Iliev) is responsible for providing technological assistance to the G.M. and coordinating with appropriate regulatory agency.

## **Idyllwild Water District Emergency Contact Numbers & Operational Practices**

- A. IWD maintains a minimum amount of repair fittings such as 4 to 6 each- 44" and 6" repair clamps. Several hundred feet of 4" and 6" steel is in storage. Miscellaneous 1" and 2" service line material is maintained in our inventory.
  
- B. IWD has sufficient equipment on hand to deal with most emergencies. If other equipment may be necessary we have inter-agency agreements with both Fern Valley Water District (951-659-2220) and Pine Cove Water Districts (951-659-2675). We have several rental companies down the hill but no agreements with them yet.
  
- C. Inland Water Works, (Water system replacement parts), San Bernardino, CA  
  
Johnson Power Systems (Generator replacement parts), Riverside, CA  
  
Gregg Browning Electrical (Electrical repairs), Idyllwild, CA  
  
Manietta Electric 951-659-4205
  
- D. List of Emergency Contract Numbers:
  - 1. DHS (619) 525-4834
  - 2. Electrician (951) 659-4198
  - 3. Laboratory (Babcock) (951) 653-3351
  - 4. Electric Pump (repair) (951) 825-7971
  - 5. Chemical disinfection supplier (800) 926-3426
  - 6. Equipment support (951) 654-7724
  - 7. Fire Department (951) 659-2153
  - 8. Office of Emergency Services (760) 863-8318



## LOCAL EMERGENCY SERVICES TELEPHONE NUMBERS

<b>California State Office of Emergency Services</b>		(760) 863-8318
<b>Governor Jerry Brown</b>		(916) 445-2841
<b>U.S. Department of Agriculture</b>		(906) 787-8214
	In emergency situations for flood Protection, please contact the State Conservation Engineer	
<b>Riverside County Sheriff</b>		(800) 950-2444
<b>Highway Patrol</b>	(Idyllwild)	(951) 637-8000
<b>Ambulance</b>	(Idyllwild)	(951) 659-2153
<b>Fire Department</b>	(Idyllwild)	(951) 659-2153
<b>Hospitals:</b>		
	Hemet Valley (Hemet)	(951) 652-2811
	Desert Hospital (Palm Springs)	(760) 323-6511
	Eisenhower (Rancho Mirage)	(760) 340-3911
<b>Public Communication:</b>		
	WNKI 610 AM 54160 Maranatha Dr Idyllwild, CA 92549 (Behind Fire Station)	(951) 659-9654
	Town Crier Newspaper 54475 North Circle Drive Idyllwild, CA 92549	(951) 659-2145
<b>F B I</b>		(951) 686-0335
<b>Department of Environmental Health</b>		(619) 525-4834
<b>Hazardous Materials Management</b>		(951) 461-0264

## **EMERGENCY AND DISASTER PERSONNEL AND RESPONSIBILITIES**

- |     |   |      |                                  |
|-----|---|------|----------------------------------|
| 1.  | General Manager, Tom Lynch<br><a href="mailto:tom@idyllwildwater.com">tom@idyllwildwater.com</a>  | Cell | (951) 659-2143<br>(951) 452-2360 |
| 2.  | Chief Finance Officer, Hosny Shouman<br><a href="mailto:hosny@idyllwildwater.com">hosny@idyllwildwater.com</a>  |      | (951) 659-2143<br>(949) 292-6409 |
| 3.  | Chief Water Operator, Bill Rojas<br><a href="mailto:bill@idyllwildwater.com">bill@idyllwildwater.com</a>  |      | (951) 659-3963<br>(951) 659-4658 |
| 4.  | Chief Sewer Operator, Nick Iliev<br><a href="mailto:nick@idyllwildwater.com">nick@idyllwildwater.com</a>  |      | (951) 659-4582                   |
| 5.  | Administrative Assistant, Lauren Green<br>(Initial contact at office, in charge of all emergencies until replaced by General Manager or Operator)<br><a href="mailto:lauren@idyllwildwater.com">lauren@idyllwildwater.com</a> |      | (951) 659-2143<br>(951) 850-8453 |
| 6.  | President of the Board: Jim Billman<br>Community Involvement Officer (C.I.O.)<br><a href="mailto:jimbillman@idyllwildproperty.com">jimbillman@idyllwildproperty.com</a>   | Cell | (951) 659-5104<br>(951) 206-0868 |
| 7.  | Vice President: John Cook<br>Alternate C.I.O.<br><a href="mailto:johnlcook@gmail.com">johnlcook@gmail.com</a>   | Cell | (951) 659-5271<br>(760) 574-5830 |
| 8.  | Warren Monroe<br><a href="mailto:wwmonroe@earthlink.net">wwmonroe@earthlink.net</a>   | Cell | (951) 659-6334<br>(714) 308-6256 |
| 9.  | Mike Freitas<br><a href="mailto:fishingfreitas.com">fishingfreitas.com</a>  | Cell | (951) 659-0646<br>(951) 236-8727 |
| 10. | John Cook<br><a href="mailto:johnlcook@gmail.com">johnlcook@gmail.com</a>   | Cell | (951) 659-2521<br>(951) 488-4947 |
| 11. | Neighboring Water Agencies:<br>PCWD: <a href="mailto:PCWD@PCWD.org">PCWD@PCWD.org</a><br>FVWD: <a href="mailto:FVWD@FVWD.org">FVWD@FVWD.org</a>   |      | (951) 659-2675<br>(951) 659-2200 |
| 12. | Idyllwild Fire Department<br><a href="mailto:chief@idyllwildfire.org">chief@idyllwildfire.org</a>   |      | (951) 659-2153                   |

Note: See personnel phone numbers on page **36** under maintenance section.

**GOVERNOR'S OFFICE OF EMERGENCY SERVICES  
DISASTER ASSISTANCE DIVISION  
(916) 845-8100**

Mailing Address: P.O. Box 419023  
Rancho Cordova, CA 95741-9023

Physical Address: 3650 Schriever Avenue  
Mather, CA 95655

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<b>Programs Branch</b>	<b>Telephone</b>	<b>Fax</b>
Programs Branch Chief	(916) 845-8101	(916) 845-8381
Hazard Mitigation	(916) 845-8150	(916) 845-8386
Public Assistance	(916) 845-8200	(916) 845-8388
Individual Assistance	(916) 845-8140	(916) 845-8392

<b>Resources Branch</b>	<b>Telephone</b>	<b>Fax</b>
Resources Branch Chief	(916) 845-8280	(916) 845-8384
Grant Payments and Analysis	(916) 845-8110	(916) 845-8392

**Web Site: <http://www.oes.ca.gov>**

## **EMERGENCY ACTION PLANNING FOR DAMS**

In the Federal Guideline for Dam Safety it states that the level of detail in the Emergency Action Planning for Dams should be commensurate with the potential impact of a dam failure or operational incident. A dam with low or no potential impact should not require an extensive evaluation or be subject to an extensive planning process. The Foster Lake Dam has been evaluated and an effect of potential inundation in terms of death or personal injury as determined through onsite inspection by the OES would be negligible. We do have emergency procedures for the Foster Dam and Reservoir, Number 827 in place however. See page 21.

## **DIVISION OF SAFETY OF DAMS**

### **11. - NOTICE - -**

#### **EMERGENCY PROCEDURES**

**Updated July 10, 2015**

**FOSTER**

**827-000-Area 8**

(Latitude 33.7571. Longitude – 116.7272 Section 12, Township 5S, Range 2E, San Bernardino Base Meridian )  
Storage Capacity = 56 Feet

Section 6101 of Division 3 of the California Water Code requires owners of dams or reservoirs or their agents to advise the Department of Water Resources fully and promptly of any sudden or unprecedented flood or unusual or alarming circumstances or occurrence affecting the dam or reservoir.

In the event of an emergency involving your dam(s) or reservoir(s), in addition to notifying local authorities, please notify the following:

1. During Working Hours:

Michael Waggoner, Chief  
Field Engineering Branch  
Division of Safety of Dams  
2200 "X" Street, Suite 200  
Sacramento, CA 95818  
(916) 227-9800

2. After working Hours and on Weekends/Holidays:

Area 8 Engineer:  
Anna Kolakowski  
(916) 227-4602 Office or Cell (909) 214-1503

If the engineer is not reachable, contact:

Southern Regional Engineer:  
Shawn Jones  
(916) 227-4600 Office (916) 227-4600

3. If neither the Field Engineer nor the Regional Engineer can be reached, please call the Telecommunications Warning Center, Governor's Office of Emergency Services at (916) 845-8911

**THIS NOTICE MUST BE KEPT IN A CONVENIENT PLACE**

# **COMMUNITY INVOLVEMENT EMERGENCY SITUATION PROCEDURES**

## **Operating Philosophy**

Dissemination of information to the public in an emergency situation is critical to Idyllwild Water District's successful response, and must be treated with an equally high priority as that assigned to actually resolving the problem.

A lack of accurate information about the District's facilities can jeopardize public health and safety, even lives, on a wide scale and can lead to public panic.

Public panic and problems caused by the spread of false rumors can cause a major breakdown of public confidence in the District's ability to provide service and can severely hamper recovery operations.

Countering such rumors is never as effective as the initial spread of the rumors and can consume huge amounts of time and effort, which could be better spent on other tasks.

The best way to counter rumors and falsehoods is to "get out ahead" of them with rapid and complete information as early as possible and continue to disseminate information fully and promptly.

**I.** The General Manager or designated Community Involvement Officer (usually a member of the Board of Directors) will be the sole source for public release of information about the emergency, whether to media or others, in order to ensure the highest degree of consistency and accuracy.

## **II. Community Involvement Mission:**

To disseminate accurate, complete, timely and consistent information to the public and to the District's employees and their families concerning the status of the District's facilities and services affecting the communities and areas involved in the emergencies.

## **III. Procedures:**

### **A. Immediately upon recognition of an emergency:**

1. General Manager will determine the details of the situation.
2. General Manager will decide whether to implement emergency notice or to remain on normal hours.
3. A list of media to be used for this purpose has been predetermined and is included as an attachment to this instruction.

4. The General Manager will determine whether a news release is required at this time, and, if so, will assure preparation and dissemination of the new release.
  - a. This release and any responses to media inquiries and all releases of information to the public will be coordinated through the Incident Commander to ensure the highest degree of accuracy.
5. In coordination with the General Manager and the Community Involvement Officer, the appropriate members of the Board of Directors will be fully informed, both initially and throughout the course of the emergency.
  - a. To the extent requested by individual Board members, the General Manager will assist Board members in their communication with the media and the public.

**B. Throughout the course of the emergency:**

1. The General Manager and/or the Community Involvement Officer will remain in close coordination with the D.O.C. members and may be present for all his staff meetings and briefings, and will keep up to date on all activities associated with response/recovery efforts.
2. The General Manager will work in close coordination with government liaison and risk management/ safety to provide dialogue with public safety agencies and other governmental agencies and entities, including County, State and Federal agencies. It is essential that information provided to the media and public be fully consistent with information provided to these agencies.
3. As necessary, and for as many days as needed, the General Manager will begin 24-hour operation, initially with personnel organized into two 12-hour shifts. Once personnel are assigned to shifts, those not on duty at that time will be sent home to rest.
  - a. Whenever it is anticipated that operations will continue beyond normal duty hours, the Office Manager will be notified to ensure the telephone system will allow both incoming and outgoing calls, and that they can be handled.
  - b. All personnel will accurately record the hours they work and provide that information daily to the Office Manager as well as keeping track of their time for their time cards.

4. All expenses related to the emergency will be thoroughly documented and the information provided to the Office Manager for eventual consolidation and potential reimbursement to Idyllwild Water District.
5. All activity will be centered at the District's Office.
  - a. The General Manager will deploy the Community Involvement personnel to the scene or elsewhere depending on the nature and status of the situation and on media interest.



## NEWS RELEASE

6. As a minimum:
  - a. News releases with the most updated information will be released on the following schedule:
    - 8:00 a.m. for morning radio and afternoon newspapers.
    - 4:00 p.m. for evening radio and television news
    - 9:00 p.m. for morning newspapers and late night TV news.
    - Or as directed by the General Manager or Community Involvement Officers.
  - b. In the interest of providing the most accurate and timely information to the people most directly affected by the emergency, when demands overwhelm available resources then service to news media will be prioritized as follows:
    1. Radio stations based in the District's service area (WNKI 1610AM : Contact: Bill Tell 951-659-5366
    2. Other radio stations serving our area
    3. Cable TV serving the District's service area
    4. Town Crier (Contact: Becky Clark 951-659-2145)
    5. Other local newspapers
    6. Press Enterprise
    7. Los Angeles Times
7. All updates and other District-initiated news releases will in writing with a copy maintained in permanent files together with distribution sheet showing where it was sent.
8. All media inquires will be directed to the General Manager, all responses will be documented on media contact sheets and a copy will be maintained for permanent files.
9. All meetings with groups of citizens or other external groups will be documented on speaking engagement sheets, which will be maintained in permanent files.
10. General Manager or Community Involvement personnel will keep a running log of their activities to include information collected and disseminated, people talked to or telephone calls made or taken and other pertinent activities not otherwise recorded on the forms mentioned above. The purpose of this log is to be able to accurately reconstruct events as necessary after the emergency.
11. Using wall marker boards and other methods as available and necessary, the General Manager or Community Involvement Officer will keep a highly visible running tally of related statistical and event oriented data, damage details, dollar cost, resources devoted to the problem, etc.

12. Using both still cameras and video cameras, the General Manager or Community Involvement Officer will document the events related to the emergency as fully as possible.
13. In cases where a District person other than the General Manager or Community Involvement Officer or government liaison staff must provide information to the public so quickly as to preclude coordination with the General Manager or Community Involvement Officer, that person will advise the General Manager as soon as possible after the fact, including the identity of persons and media to whom the information was provided.

## MAINTENANCE

The response of the maintenance crew in an emergency situation such as earthquake, is as follows:

1. Secure their family situation.
2. Make contact with office, by radio or phone quickly as possible.
3. Proceed on previously described routes, making cursory inspections en route.
4. Immediately call in any life-threatening situation, either to District office or 911.
5. On determination of need by the G.M., the maintenance leader will make assignments for inspections and repairs as determined.
6. Maintenance Crew:

Nick Iliev      659-9683      Bill Rojas      659-4658  
[nick@idyllwildwater.com](mailto:nick@idyllwildwater.com)      [bill@idyllwildwater.com](mailto:bill@idyllwildwater.com)

Gary Steele    537-7102      Jerry Johnson 659-9939

Nick Iliev (Wastewater) 659-2689

Maintenance shop - 659-3963

Filtration plant - 659-6217

Wastewater treatment plant – 659-4582

IWD District Base Unit: Call Letters: WPKA435 Channel 1 Mobile 1-Tom  
Use Channel 2 for FVWD Channel 2 Mobile 1-Jerry      Mobile 2-Bill  
Use Channel 3 for PCWD Channel 3 Mobile 1-Steve      Mobile 3 - Nick  
Mobile 4- Gary  
Mobile 5 – Pedro  
Mobile 6 – Joe

### Office Staff:

Tom Lynch      659-2143 ext. 205 or (951) 452-2360  
[tom@idyllwildwater.com](mailto:tom@idyllwildwater.com)

Hosny Shouman      (949)292-6409  
[hosny@idyllwildwater.com](mailto:hosny@idyllwildwater.com)

Lauren Green      951-850-8453      or (951) 659-2143  
[lauren@idyllwildwater.com](mailto:lauren@idyllwildwater.com)

**OPERATION AND MAINTENANCE PLAN  
FOR THE EMERGENCY BROADCAST RADIO  
WNKI AM 1610**

**COORDINATED RESOURCES MANAGEMENT  
AND PLANNING GROUP  
EMERGENCY RADIO COMMITTEE  
RIVERSIDE COUNTY  
CALIFORNIA**

**Location and Security**

The radio transmission equipment, antenna and programming equipment is located at the Idyllwild Fire Station, in the Disaster Preparedness office at the north west corner of the building. The antenna is located approx. 40' west of the building (See Attachment). The office is locked at all times and accessed only by those authorized to utilize the office or maintain the radio. The radio equipment shall be in a locked cabinet to prevent unauthorized tampering.

**Operation**

The operation of the radio system will be by persons designated by the C.R.M.P. Radio Committee and under the direction of the C.R.M.P. Radio Committee. These could include employees of the U.S.F.S., I.F.P.D., or Riverside County Fire (CDF) or any other person appointed by the C.R.M.P. Radio Committee. These people will change tapes, prepare tapes, and perform head-cleaning maintenance on the tape players only. During emergency situations the operation of the radio will be under the direction of the incident commander of the given situation and utilized by the public information officer for that incident.

**Programming / Non-Emergency**

Non-emergency programming will be limited to public service messages provided by the users of the system; either on a prepared tape or transcript submitted one week prior to requested air date. These messages shall contain only information relating to fire prevention, earthquake preparedness, conservation of resources, tourist travel, road and weather conditions, R.M.R.U. activities as required, crime prevention, disaster preparedness, prescribed burn times and locations, times and places of nature programs provided by the county, state, and federal agencies.

There will be no broadcasting of messages from any organization, which is not under the jurisdiction of a government agency or public utility. Any request for broadcasting of material will be reviewed by the C.R.M.P. Radio Committee to determine if it meets the requirements set by these regulations.

These regulations and limitations will be adopted by the Board of Commissioners of the Idyllwild Fire Protection District as Licensee of the radio station. Any request for program content changes will be submitted to the C.R.M.P. Radio Committee for review. If after review the changes are deemed necessary the C.R.M.P. Radio Committee will submit them to the I.F.P.D Board as a recommendation for action to be taken.

### **Hours of Operation**

Operating hours of the radio will be determined by the radio committee for non-emergency broadcast. In the event of an emergency the radio will be operated as needed anytime of the day or night.

### **Programming During Emergency**

During emergency situations the programming will be determined by the incident commander. Emergency information may be broadcast by live microphone or tapes or a combination of both. The information broadcast will pertain only to the emergency while it lasts.

### **Maintenance**

All technical maintenance will be performed on the transmission equipment by qualified personnel licensed by the FCC to perform service on radio broadcast equipment.

Normal operating maintenance will be performed by the operator responsible for changing tapes and shall be limited to cleaning tape recorder heads daily.

### **Funding**

Operational funding will be provided through a memorandum of understanding between the Idyllwild Fire Protection District, U.S. Forest Service, Riverside County Fire Department and C.R.M.P. The M.O.U. will distribute the operating costs of the radio equipment equally.

Any funds collected through contributions to the emergency radio fund will be used to offset the expense to the agencies.

## **DISSEMINATION OF URGENT EMPLOYEE INFORMATION DURING AN EMERGENCY**

- Through radio station based in District's service area (1610 am) (659-9654)
- With the knowledge of the General Manager or Community Involvement Officer
- Employees will be advised in advance to listen to these stations in an emergency situation
- Phone calls will be handled by the General Manager or Community Involvement Officer

### **COMMUNICATION CONTROL AND COMMUNICATION SYSTEM**

Without adequate communication, emergency response management efforts can collapse. The two most vital methods of communication, which need to be addressed, are voice radio and telephone.

It is necessary to establish a backup emergency frequency for coordination of employees and their families other than those assigned specific emergency duties because it is very likely that normal traffic may become overwhelming. Amateur radio groups, CB radio and cellular phones are additional means for maintaining communication among support teams, which can offload traffic from the primary radio emergency systems.

In case of emergency situations we may use Channel Two (PCWD) and Channel Three (FVWD) for emergency communications.

## **GOVERNMENT LIAISON**

It is the duty of the government liaison to provide and establish a dialogue with public and governmental agencies within the service area of the Idyllwild Water District. Such agencies will include County of San Bernardino, State of California and appropriate Federal government offices, as well as neighboring water districts (FVWD & PCWD).

The government liaison will work closely with the General Manager/Community Involvement Officer in a team effort during an emergency situation.

Upon receipt of accurate information from the General manager or Community Involvement Officer, the government liaison will begin notifying the aforementioned government agencies as to the nature and extent of the emergency and the possibility of impact to their facilities. Additionally, the government liaison will acquire all necessary emergency permits as required.

The government liaison will work closely with water quality, water operations, purchasing and finance to begin appropriate documentation and notification to State and Federal disaster relief agencies.

Government liaison will work with the General Manager or Community Involvement Officer; and will follow up at meetings of the Board of Directors as necessary to relay any pertinent information; and will add as needed other members of the Community Involvement team, of which more than 1 member can be appointed.

## **WATER QUALITY**

Goal: To analyze the distribution system for bacteriological problems in as timely a manner as possible.

1. Within the first 24-48 hours, assign duties to available personnel.
2. Sample distribution system in problem areas, perhaps one sample per pressure zone.
3. Samples are analyzed using the fastest method possible (18-hour turnaround time).
4. Results reviewed and bacteriological quality of the water established.
5. Communicate test results to the G.M. and Health Department.
6. We have purchased a portable test laboratory for our own information.

## **PURCHASING PROCEDURES**

The following procedure has been established for emergency purchasing:

1. Contact the Office Manager or designee at the Command Post for purchase orders.
2. The Office Manager will issue the standard purchase order and will add D.D. (Declared Disaster) following the regular purchase order number.
3. The number/letter shall be as follows:

P.O. NUMBER XXXX-DD (Example p27a)

4. As received, the packing slips, delivery tickets, credit slips, will be turned in to the Office Manager, or appointed purchasing agent.
5. The purchase orders will be filed in a special disaster file.
6. It is imperative that all documentation relative to any purchases during a Declared Disaster be turned in and properly filed to assist the finance department in any disaster reimbursement program.



## **FINANCE**

1. A "DD" will be added to all purchase orders issued on account of emergency repairs in a Declared Disaster.
2. Example:

(Purchase Order Number) XXXX-DD

3. All purchases made with this identification shall be kept in a special file for disaster repair reimbursement.
4. All time cards should have a description of each incident, its location and equipment used on each job.
5. Clear photographs should be taken, labeled as to job, time and date and attached to work orders and time cards.
6. An emergency damage sheet should be made out on each incident.

# SAMPLE DAMAGE SHEET

## IDYLLWILD WATER DISTRICT EMERGENCY DAMAGE SHEET

**Employee Names:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**Location of Incident:**

\_\_\_\_\_

**Damage description:**

**Pipeline Size:** \_\_\_\_\_ **Material:** \_\_\_\_\_

**Describe Failure:**

\_\_\_\_\_  
\_\_\_\_\_

**Explanation of repairs:**

\_\_\_\_\_  
\_\_\_\_\_

**Materials used to repair:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Equipment used to repair:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## SERVICES

### **Engineering**

John G. Egan, P.E. (951) 890-1255 EXT. 226  
Engineering Resources of SC, Inc. FAX (951) 890-0995  
1820 Commercenter Circle  
San Bernardino, CA 92408

Tom Lovejoy, P.E. (951) 659-5028  
P.O. Box 3049  
Idyllwild, Ca 92549

Anders Wistrom, ph.D., P.E. (951) 789-0579  
ReVe Environmental, Inc.  
16760 Multiview Drive  
Perris, CA 92570

### **Water Treatment**

Matt Chlor, Inc. (626) 443-5034  
4107 North Arden FAX (626) 443-2226  
El Monte, CA 91731

### **Wells, Pumps**

Wicker Water Well Pump Service (951) 763-2747  
59475 Upper Tule Road  
Anza, CA 92539

Howard Pump, Inc. (760) 254-3351  
P.O. Box 1249 FAX (760) 254-3069  
Barstow, CA 92312

Layne Christensen (951) 793-2913  
P.O. Box 97908 FAX (951) 792-3484  
Inglewood, CA 90397-7908

### **Communications**

RIV-COMM (800) 287-4006  
3363 Durahart St. (951) 787-6882  
Riverside, CA 92507

## MATERIAL SUPPLIERS

**Inland Water Works**

2468 Miramonte Drive  
San Bernardino, CA 92406-2246

(951) 883-8941  
FAX (951) 881-4041

**US Filter**

82-314 Market Street  
Indio, CA 92201

(760) 347-0811

**Western Water Works Supply Co.**

P.O. Box 3227  
2024 Merced Ave  
South El Monte, CA 91733

(323) 283-4726  
FAX (323) 686-0465

**Familian Pipe & Supply**

39312 Leopard Street  
Palm Desert, CA 92211

(760) 772-0977

## EQUIPMENT RENTAL

**U.S. Rentals**  
83525 Date Ave  
Indio, CA 92201

(760) 775-6868  
FAX (760) 775-7721  
Pager (760) 773-7040

**Desert Pipeline, Inc**  
P.O. Box 1536  
Indio, CA 92201

(760) 399-5194

**Action Rentals**  
450 North State Street  
Hemet, CA 92543

(800) 244-3638  
(951) 652-2774

**Anza Equipment Rentals**  
55177 Highway 391  
Anza, CA 92539

(951) 763-1247

**United Rentals**  
36025 Cathedral Canyon Dr  
Cathedral City, CA 92234

(760) 328-6573

**Excel Rentals**  
28115 Del Rio Road  
Temecula, CA 92590

(951)676-0546

## EMERGENCY TANK CHLORINATION

TANK	SIZE	GALS.	GALS per foot	12.5% NaOC12	LOCATION
F.L. #1	24' X 41'	210,000	8,750	0.07 GPF	FOSTER LAKE
F.L. #2	24' X 41'	210,000	8,750	0.07 GPF	FOSTER LAKE
F.L. #3	24' X 82'	420,000	17,500	0.14 GPF	FOSTER LAKE
F.L. #4	24' X 82'	420,000	17,500	0.14 GPF	FOSTER LAKE
F.L. #5	24' X 82'	420,000	17,500	0.14 GPF	FOSTER LAKE
F.L. #6	24' X 82'	420,000	17,500	0.14 GPF	FOSTER LAKE
Wildwood	24' X 31'	110,000	4,583	0.04 GPF	NORTHRIDGE DR
Rockdale	30' X 62'	600,000	20,000	0.20 GPF	Rockdale Spur
South Ridge #1	24' X 41'	210,000	8,750	0.07 GPF	Valley View Dr.
South Ridge #2	24' X 82'	420,000	17,500	0.14 GPF	Valley View Dr.
Golden Rod	24' X 30'	100,000	4,167	0.04 GPF	Golden Rod

**11 Tanks Total = 3,540,000 gallons**

**Multiply height of water in the tank by gallons per foot of 12.5% Sodium Hydrochlorite to determine the amount of Hydrochlorite to add to get to 1.0 ppm residual.**

**Final List of Documents:**

**Threat Condition – Homeland Security Advisory System**

**Incident Action Checklist: Wildfire**

**Incident Action Checklist: Drought**

**IWD Resolution #488 –Participation in the Standardized Emergency Management System and Operational Area of the State of California-SEMS**

**IWD Resolution #590 – National Incident Management System (NIMS)**

**CDPH Water Quality Emergency Notification Plan**

**IWD Emergency Response Plan-SUMMARY**

**IWD AND LOCAL DISASTER PERSONNEL**

**List of Storage Tanks and Volumes**

**Fire Hydrant Listing**

**IWD Wells and Locations**

**Mutual Aid Agreement with Pine Cove Water District and Fern Valley Water District**