

SAN JUAN COUNTY FIRE/EMERGENCY SERVICES

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MONTICELLO, UTAH 84535-0009
TELEPHONE 435-587-3225 FAX 435-587-2447



OFFICE OF EMERGENCY MANAGEMENT

HAZARDOUS MATERIAL EMERGENCY RESPONSE PLAN
UPDATE 2002

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FORWARD

In compliance with the Emergency Planning and Community Right to Know Act (EPCRA) of the Federal Sara Title III Legislation, a Hazardous Material Response Plan for San Juan County is required. The State has been divided into thirty (32) different Local Emergency Planning Committees (LEPCs). San Juan County has been designated as a separate LEPC. In addition, the Navajo Nation, which includes portions of San Juan County has also been designated as a TERC. The planning effort is combined with the San Juan County Office of Emergency Management (OEM) and the Utah State Division of Emergency Services and Homeland Security (DESHS).

This plan updates the April 2000 Hazardous Materials Response Plan which replaced the 1993 Draft Edition of the San Juan County Hazardous Materials Response Plan. All 1993 copies are obsolete and should be destroyed.

This specific plan is also included as "ANNEX U" in the San Juan County Emergency Operations Plan. This plan deals with the geographic areas within San Juan County, including the incorporated cities of Monticello and Blanding, the Utah portion of the Navajo Indian Reservation and the White Mesa Ute Indian Reservation.

When an incident occurs within an incorporated community, whether it be a fixed site or a transportation incident, the specific jurisdiction has the sole authority for the initial response to the incident. At the time the jurisdiction feels that it can no longer handle the incident, or requests additional assistance, the County will assist with it's available resources. It is anticipated that all available resources from all agencies will be needed in most releases or incidents.

All incidents on State lands and State Highways will be under the jurisdiction of the State of Utah, Department of Public Safety. San Juan County will provide available resources in support of the State Department of Public Safety.

All incidents on Federal lands will be under the jurisdiction of the appropriate federal agency. San Juan County will provide available resources in support of the Federal agencies. The Navajo Nation has full jurisdiction within the confines of Navajo Nation. San Juan County will cooperate within its capacity to assess.

Notification of appropriate personnel and agencies will be made regardless of the jurisdiction. This will provide for the system to be engaged and the notification of proper agencies that may need to provide assistance.

The history of hazardous material accidents in San Juan County is low, however, there is a potential for incidents or releases from both fixed facilities and transportation

actions. Additionally, the plan recognizes that the available training, manpower, and equipment is limited and the main purpose of any response will be to evacuate and isolate the scene and await for the proper equipment and personnel to handle the situation. The county will attempt to provide for a small regional type response team. The primary goal of the plan is to protect life, property and the environment. Attempts to dike, dam, plug, or otherwise contain any release will be primarily in response to this goal, this action according to federal law and must be accomplished by a certified HAZMAT responder. Any clean up provided by the County will be only to provide this response. The expenses incurred as a result of the initial response and the subsequent responses and complete clean-up will be the responsibility of the individual(s) or company(s) causing, contributing to or otherwise responsible for the release. If an incident is intentional and no responsible individual or company can be located, the final clean up responsibility will rest upon the land owner, regardless of the fault of the landowner. San Juan County has a cost recovery ordinance in which costs associated with response to a hazardous materials release will be recovered by the County from the individual or company that caused, contributed to or other wise responsible for the release. (See Annex A)

The plan also recognizes the need to exercise and continue development in training and response and outlines the specific goals in this area.

The plan indicates the responsibility of private industry to plan and have adequate equipment and training to handle most all incidents. Public awareness and information is also very critical.

It is intended that plan will coordinate with other responding agencies' plans such as the Utah Department of Public Safety, Federal Agencies and the Navajo Nation Department of Emergency Management.

PROMULGATION DOCUMENT

This plan, the San Juan County Hazardous Material Response Plan provides guidance for emergency response agencies and county residents in the event of a hazardous material release at either a fixed facility or transportation incident.

Communities, agencies, and departments within the jurisdiction of San Juan County should become familiar with this plan.

The implementation of this plan and the control of actions and resources in the County will be under the authority of the San Juan County Commission.

DATE: _____

APPROVED:

Lynn Stevens, Commission Chairman

Manuel Morgan, County Commissioner

Ty Lewis, County Commissioner

LEGAL AUTHORITY AND RESPONSIBILITY FOR RESPONDING

The following authorizing legislation and regulations are applicable to this plan:

- Federal Regulations (CERCLA, SARA, Clean Water Act, EPCRA, National Contingency Plan, and Disaster Relief Act)
- State of Utah
- San Juan County

INSTRUCTION ON PLAN USE

PURPOSE:

The purpose of this plan is to make available to both private and public agencies, a resource in preparing for a response to any hazardous material release or incident. Coordination between private and public agencies is essential.

PLAN DISTRIBUTION:

The following is a list of organizations, agencies, companies or persons receiving plans:

**San Juan County Commission
San Juan County Sheriff Office
San Juan County Fire/Emergency Services
San Juan County Fire Control
San Juan County Road Department
San Juan School District
San Juan Health Care Services District
San Juan County EMS
Blanding City Office
Blanding City Police Department
Blanding City Fire Department
Monticello City Office
Monticello City Police Department
Monticello City Fire Department
Utah Navajo Health Systems, Inc.
Southeastern Utah Association of Local Governments
Grand County Emergency Management Office
Grand County EMS
Moab Valley Fire District
Utah Division of Emergency Services and Homeland Security
Utah Division of Environmental Quality
Southeastern Utah Public Health District
Utah Highway Patrol
Navajo Office of Emergency Management
Navajo Department of Public Safety
White Mesa Ute Council
Bureau of Land Management-Moab Field Office**

Bureau of Land Management-Monticello Field Office
U.S. Forest Service-Monticello Ranger District
U.S. Forest Service-Moab Ranger District
National Park Service-Canyonlands National Park
National Park Service-Natural Bridge National Monument
National Park Service-Glen Canyon National Recreation Area
National Park Service-Hovenweep National Monument
Utah State Division of State Forestry, Fire and State Lands
Utah Department of Transportation-District Four Headquarters
Utah Department of Transportation-Monticello Station
Utah Department of Transportation-Blanding Station
Utah Department of Transportation-Bluff Station
Exxon-Mobil
ChevronTexaco
Tom Brown Inc.
International Uranium corp.
TBI Pipeline Company
Williams Energy Company
Four Corners Pipeline Company
and other private and public agencies.

NOTE:

This plan is also included as "ANNEX U" as part of the San Juan County Operations Plan.



RECORD OF AMENDMENTS

SAMPLE

TO: HOLDERS OF THE SAN JUAN COUNTY HAZARDOUS MATERIALS RESPONSE PLAN

Attached is a revision to the Hazardous Material Operations Plan:

- A. Remove the old pages and insert the new corresponding number pages.**
- B. After making the changes, please record the same on the "RECORD OF CHANGES" page.**
- C. Additional Instructions:**

San Juan County Hazmat Response Plan
Record of Changes

Change Number	Date of Change	Date Entered	Change made by (Signature)

UPDATING THE PLAN

The Office of Emergency Management will be responsible for updating the Hazardous Material Response Plan for San Juan County on at least a yearly basis and at which time the Local Emergency Planning Committee (LEPC) will meet and review all changes/updates to the plan before they become finalized. It is anticipated that this review will take place during the annual January meeting.

Copies of all changes/updates will be provided to each agency listed in this plan and will be made by amendment.

Items such as identity and telephone numbers of response personnel, changes in hazardous analysis, facility maps, transportation routes, etc., should be regularly reviewed.

NOTIFICATION

WHEN REPORTING ANY HAZARDS MATERIALS INCIDENT OR OTHER EMERGENCY, PLEASE USE ANY OF THE FOLLOWING NUMBERS TO CONTACT THE SAN JUAN COUNTY SHERIFFS OFFICE DISPATCH CENTER:

911

(UTAH FRONTIER COMMUNICATIONS UTAH SYSTEM ONLY)

1-800-269-7911

(IN THE STATE OF UTAH ONLY)

1-435-587-2237

THE FOLLOWING NUMBERS LISTED IN THIS SECTION ARE NOT INTENDED FOR THE USE OF THE PUBLIC OR INDUSTRY IN THE EVENT OF A HAZARDOUS MATERIAL RELEASE, ACCIDENT OR INCIDENT. THESE NUMBERS ARE FOR THE USE OF THE EMERGENCY DISPATCHERS AND RESPONSE AGENCIES AND PERSONNEL.

INITIAL EMERGENCY RESPONSE CALL DOWN LIST

- A. Notify the following authorities who have jurisdiction over the incident area:
- a. Fire Department (applicable jurisdiction)
 - b. Law Enforcement (applicable jurisdiction).
 - c. San Juan County HAZMAT Emergency Response Team
435-587-3225 After hours: Sheriff's Office 435-587-2237
 - d. San Juan County Emergency Management
435-587-3225 After hours: Sheriff's Office 435-587-2237
 - e. Utah Highway Patrol Sgt. 435-587-2000
Utah Highway Patrol - Hazardous Materials Responder contact through UHP Price
Dispatch Center 435-637-0893
 - f. Utah Division of Environmental Quality- Environmental Engineer
Price Office 435-637-3671 After hours: 1-800-572-6400
District Sanitarian- Southeastern Utah Health District
Monticello Office 435-587-2216 or Blanding office 435-678-2723
After hours 435-678-2060
 - g. State of Utah, Division of Emergency Services and Homeland Security
435-538-3400 or Staff Duty Officer
 - h. State of Utah, Department of Environmental Quality, Bureau of Environmental
Response and Remediation 801-536-4100 After hours 538-6333
 - i. State of Utah, Department of Transportation
Craig Leavitt HAZMAT Coordinator for San Juan County
Victor Schafer Monticello Shed 435-587-2620
Ron Eberling Blanding Shed 435-678-2680
Lee Meyers Bluff Shed 435-672-2213
 - j. San Juan County Road Department 435-587-3230
7:00 - 5:30 Monday thru Thursday
After Hours
Doug Pehrson - Road Dept. Head
Lynn Laws - South Road Foreman
Jack Randolph - North Road Foreman
Wanda Franklin - Office Manager

SUPPLEMENTAL CALL DOWN LIST
EMERGENCY ASSISTANCE TELEPHONE ROSTER
CITY OF BLANDING

	<u>OFFICE</u>	<u>CALL SIGN</u>
<u>POLICE</u>		
Mike Halliday, Chief	435-678-2334	3Z1
Mike Bradford	435-678-2334	3Z2
Danny Flannory	435-678-2334	3Z3
Roy Taylor	435-678-2334	3Z4
Cal Dean Black	435-678-2334	3Z5
 <u>FIRE</u>		
Gordon Hawkins, Chief	435-678-2791	3Z100
 <u>CITY OFFICES</u>		
Calvin Balch	435-678-2791	
Chris Webb	435-678-2791	
 <u>PUBLIC WORKS</u>		
Philip Palmer	435-678-2791	
Jeff Black	435-678-2791	

CITY OF MONTICELLO

<u>POLICE</u>		
Kent Adair, Chief	435-587-2273	2Z1
Kent Rowley	435-587-2273	2Z2
Jim Eberling	435-587-2273	2Z3
Burt Wright	435-587-2273	2Z4
 <u>FIRE</u>		
Terrill Slade, Chief	435-587-3053	1Z215
Alan Freestone, Asst. Chief	435-587-2237	1Z8
 <u>CITY OFFICES</u>		
Scott Pehrson, Mayor	435-587-2271	
Trent Schafer	435-587-2271	CITY1

PUBLIC WORKS

435-587-2271

CITY2

SAN JUAN COUNTY**SAN JUAN COUNTY SHERIFF'S OFFICE****EMERGENCY DISPATCH CENTER**

435-587-2237 , 911 (Frontier Communications Utah area only) **or 1-800-269-7911** (in state only)

Mike Lacy, Sheriff	435-587-2237	1Z1
Alan Freestone, Lt. Jail	435-587-2237	1Z8
Troy Butler, Sgt. Jail	435-587-2237	1Z5
Monte Dalton, Lt. Road	435-587-2237	1Z3
Kelly Bradford, Sgt. Road	435-587-2237	1Z4

EMERGENCY SERVICES (Office of Emergency Management)

Rick M Bailey	435-587-3225	1Z41
Melissa Begay	435-587-3225	1Z42

EMERGENCY RESPONSE TEAM (ERT)

Office of Emergency Manag.	435-587-3225	1Z41
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FIRE CONTROL

Rick Bailey Fire Marshall	435-587-3225	1Z41
David Gallegos	435-587-3225	1Z601
LaSal Fire Department	Call SO Dispatch	1Z610
Cedar Point Fire Dept.	Call SO Dispatch	1Z630
Bluff Fire Dept.	Call SO Dispatch	1Z650
Mexican Hat Fire Dept.	Call SO Dispatch	1Z670
Montezuma Creek Fire Dept.	Call SO Dispatch	1Z660
Monument Valley Fire Dept.	Call SO Dispatch	1Z680
Eastland Fire Dept.	Call SO Dispatch	1Z620
Pack Creek Fire Dept.	Call SO Dispatch	1Z690
Moab Valley Fire Dept.	Call SO Dispatch	

COMMUNICATION

Steven Bradford	435-678-3322	1Z52
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ROAD DEPARTMENT

Doug Pehrson, Dept Head	435-587-3234	CR20
Jack Randolph, North Foreman	435-587-3230	CR14

Lynn Laws, South Foreman	435-678-2429	CR8
Wanda Franklin, Office Manager	435-587-3230	
Paul Langston, Shop	435-587-3230	CR48
Tierre Patterson, Shop	435-678-2429	CR31

BUILDING MAINTENANCE

Dell Hunter	435-587-2237	1Z45
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COUNTY COMMISSION

Lynn Stevens, Chairman	435-587-3225	
Manuel Morgan	435-587-3225	
Ty Lewis	435-587-3225	
Rick M. Bailey	435-587-3225	1Z41

COUNTY ATTORNEY

Craig Halls	435-587-2128	
Walter Bird, Deputy	435-587-3225	

MEDICAL**HOSPITALS**

San Juan County Hospital- Monticello	435-587-2116	
Allen Memorial Hospital - Moab	435-259-7191	
St. Mary's Hospital - Grand Junction	303-244-2273	
Shiprock IHS Hospital-NM	505-368-2370 (Business Office)	
Southwest Memorial - Cortez, Co	970-565-6666	
San Juan Regional - Farmington, NM	505-325-5011	

CLINICS

Blanding Clinic	435-678-2254	
Blanding Family Practice Clinic	435-678-	
San Juan Clinic-Monticello	435-587-2116	
Monticello Clinic - Dr. Mena	435-587-2282	
Montezuma Creek Clinic	435-651-3291	
Monument Valley Clinic	435-727-3241	

AMBULANCE SERVICE

Linda Swenson, Coordinator	435-587-2237	1Z44
Monticello Ambulance Service	call SO Dispatch	1Z501
Blanding Ambulance Service	call SO Dispatch	1Z502
Bluff Ambulance Service	call SO Dispatch	1Z503
Monument Valley Ambulance Service	call SO Dispatch	1Z505
Montezuma Creek Ambulance	call SO Dispatch	1Z506
Grand County Ambulance	call Grand County SO	435-259-8115

Dove Creek Ambulance Service	call Dolores County SO	970-677-2500
Teec Nos Pos Ambulance Service	call Shiprock PD Dispatch	
Shiprock Ambulance Service	call Shiprock PD Dispatch	
Kayenta Ambulance Service	call Kayenta PD Dispatch	

AIR AMBULANCE SERVICE

Blanding Air Ambulance	435-678-3227
St. Mary's Airline - Grand Junction, CO	1-800-332-4923
Eagle Air Med	
Air-Care One - Farmington, NM	1-800-452-9990
Classic Helicopter, Page, AZ	520-645-5356

OTHER COUNTY AGENCIES

Grand County Emergency Mngmt	435-259-8115
Moab Valley Fire District	435-259-5557

STATE OF UTAH DEPARTMENTS**UTAH HIGHWAY PATROL**

San Juan County Section		
Rick Eldredge, Sgt.	435-587-2000	313
Glen Porter	435-587-2000	293
Mark Millet, UP Hazardous Materials	801-538-3400	163
Salt Lake Dispatch	801-	
UP Price Dispatch	435-637-0893	
Price Field Office	435-637-0980	

UTAH DEPARTMENT OF TRANSPORTATION

Craig Leavitt, HAZMAT Coordinator for San Juan County	435-259-7492	9A4411
Monticello Shed	435-587-2680	4423
Blanding Shed	435-678-2680	4422
Bluff Shed	435-372-2213	4421
Monticello Port of Entry	435-587-2662	
Jim Lacy, Supervisor	435-587-2262	
Russell Jensen, District 4	435-636-1403	

UTAH DIVISION OF EMERGENCY SERVICES AND HOMELAND SECURITY

Staff Duty Officer	801-538-3400
DeeEll Fifield - EPCRA Coordinator	801-538-3400
Lt. Mark Millet,	801-538
John Rokich	

UTAH DEPARTMENT OF ENVIRONMENT QUALITY

David Ariotti - Southeast District Environmental Engineer

Business Phone: 435-637-3671 After Hours call price UP Dispatch or 24 Hour Toll Free Number for the Department of Environmental Quality 1-800-572-6400. Call Sign 16A129

DIVISION OF EMERGENCY RESPONSE AND REMEDIATION

State Emergency Response Team 801-536-4100 1-800-572-6400

UTAH DEPARTMENT OF HEALTH - PUBLIC HEALTHRick Meyers, District Sanitarian 435-587-2016
435-678-2723**UTAH DIVISION OF FORESTRY, FIRE AND STATE LANDS**

Southeastern Utah Area Office - Moab 435-259-3760

Utah State Office - Salt Lake City 801-538-5508

UTAH ADMINISTRATION OF SCHOOL AND INSTUTIONAL LANDS

Southeastern Utah Area Office - Moab 435-259

UTAH DEPARTMENT OF HUMAN SERVICES

Blanding Office 435-678-3211

Monticello Office 435-587-2015

Montezuma Creek Office 435-651-3294

Bluff Office 435-672-2227

UTAH NATIONAL GUARD 435-678-2008**WHITE MESA UTE INDIAN RESERVATION**

Administration Offices 435-678-3397

White Mesa Ute Tribal Police 970-565-3706

NAVAJO NATION INDIAN RESERVATION

Navajo Tribal Police

Kayenta Substation 928-697-8510

Shiprock Substation 505-368-4383

Navajo Tribal Fire

Kayenta Substation 928-697-3511

Shiprock Substation 505-368-4333 (BIA only)

Navajo Office of Emerg. Manag. 928-871-6892

Navajo Office of OSHA	928-871-6824
Navajo Office of Environmental Health	928-871-6665
Navajo Office EPA	928-729-4005
Navajo Division of Natural Resource	928-871-6592

FEDERAL AGENCIES

Bureau of Land Management

Monticello Field Office - Patrick Madigan	
Field Manager	435-587-1500
Moab Field Office - Maggie Wyatt	
Field Manager	435-259-6111
Moab Fire Center	435-259-2123
Farmington New Mexico	505-327-5344

U.S. Forest Service

Monticello Ranger District	435-587-2041
Moab Ranger District	435-259-7155
Glen Casamassa	
Don Carpenter	

National Park Service

Canyonlands National Park	435-719-2100
Superintendent	
Natural Bridges National Monument	
Superintendent	435-672-1234
Hovenweep National Monument	970-562-4282
Glen Canyon National Rec. Area	928-608-6205

National Weather Service

Grand Junction Forecast Office	970-256-9463
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OTHER FEDERAL ASSISTANCE AGENCIES

Federal Emergency Management Agency

Regional Office	303-235-4811
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Environmental Protection Agency

Regional Office	303-293-1603
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Health & Human Service Department

Regional Office	303-884-3061
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Occupational Safety and Safety Administration

Regional Office	303-884-3061
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United States Coast Guard

213-590-2301

Department of Energy

Regional Office

208-526-1515

Agency for Toxic Substances & Disease Registry

303-293-1603

Department of Transportation Regional Office

303-235-3423

OTHER ASSISTANCE AGENCIES

CHEMTREC

1-800-724-9300

CHEMNET

1-800-424-9300

CHLOREP

1-800-424-9300

NACA Pesticide Safety Team

1-800-424-9300

Poison Control Center

1-800-662-0062

American Red Cross Field Service Office

1-801-323-7000 SLC

Salvation Army

Sheriff's Office

MEDIA CONTACTS

RADIO STATIONS

		Phone	FAX
KSL Radio 1160	Salt Lake	435-575-7620	435-575-7625
KALL Radio 910	Salt Lake	435-364-3561	435-538-5690
KTNN Radio 660	Win. Rock	602-871-2582	520-871-3479
KRTZ Radio FM 99	Cortez	970-565-6565	970-565-8667
KISZ-FM 98	Cortez	970-565-3409	
KCYN 97	Moab	435-259-1035	435-259-1037

NEWSPAPERS

San Juan Record	Monticello	435-587-2277	435-587-2277
Blue Mountain Panorama	Blanding	435-678-3635	435-678-3902
The Navajo Times	Win. Rock	520-871-6641	520-871-6409
Deseret News	Salt Lake	801-237-2175	801-237-2121
Salt Lake Tribune	Salt Lake	801-237-2011	801-521-9418

TELEVISION STATIONS

KUTV Channel 2	Salt Lake	801-973-3300	801-973-3369
KTVX Channel 4	Salt Lake	801-975-4444	801-975-4442
KSL Channel 5	Salt Lake	801-575-5555	801-575-5560
KUED Channel 7	Salt Lake	801-581-7777	801-581-5096
KBYU Channel 11	Provo	801-378-3551	801-378-0309
KSTU Channel 13	Salt Lake	801-532-1300	801-537-5335

ASSUMPTIONS AND PLANNING FACTORS

1. **GEOGRAPHY** - San Juan County is the largest county in the State of Utah and encompasses 7,800 square miles. It consists of high mountains, high plateaus, desert, desert mountains, rugged canyons, the Colorado and San Juan Rivers. The majority of all lands are owned by the Federal Government (79%), State Government (7%) and Private (15%). Elevations range from 3,360 at Lake Powell to 11,024 at Abajo Peak. There are two Indian Reservations within the County, the Navajo Nation and the Ute Indian Reservation (White Mesa). San Juan County is bordered by the States of Colorado and Arizona along with Grand, Wayne and Kane counties.

2. **POPULATION DENSITY** - San Juan County is the least populated and has the lowest population of any county in the State of Utah. The projected 2002 estimated population for the County is 14,000 people. The several areas of density within the County include, the incorporated cities of Blanding and Monticello and the Montezuma Creek-Aneth area. Other areas would include the communities of Spanish Valley, LaSal, Ucola, Eastland, Cedar Point, White Mesa, Bluff, Mexican Hat, Monument Valley, Oljato, Red Mesa, Mexican Water, Navajo Mountain, Halls Crossing and Hite.

With the high visitation to areas within the County, the population on any given date could be many times than the established population. Areas such as Canyonlands National Park, Natural Bridges National Monument, Hovenweep National Monument, Newspaper State Park, Gooseneck State Park, Grand Gulch Primitive Area, Monument Valley, Hite and Halls Crossing as well as many locations on the Manti-LaSal National Forest and the Bureau of Land Management will have significant populations at any one time. A specific list of recreational sites and map is included in this section.

3. **RISK POPULATIONS** - There are several areas within the County that contain potential risk populations. These factors include age and density of these age groups in one location. These would include schools, medical facilities, and jail/detention facilities. A list and maps of these areas is included in this section.

4. **CLIMATE AND WEATHER** - The time of the year that an incident may occur and the location may pose significant concerns for responding agencies. Factors regarding cold, wind, snow, ice, rain, etc. will play an important role in determining the areas of evacuation and the availability of rescue in addition to the personal safety of those responding. Weather conditions will also play an important role in isolating the scene and in clean up operations. Weather conditions also need to be considered when considering transportation incidents.

5. **TIME VARIABLES** - With the large size of the County and isolated areas, some of which must be reached by traveling via the States of Colorado and Arizona, time may be an important factor in responding to certain areas of the county if an incident occurs. Additional factors

including weather conditions could delay response time.

6. OTHER ASSUMPTIONS - It is assumed that if any incident occurs within the boundaries of any of the communities within the county or at or near a major recreation area, that evacuation may occur. Water supplies within the community may be contaminated. Communications may be interrupted or displaced for a period of time. Additional problems could occur if traffic is detained from the major highways for any period of time.

HAZARD ANALYSIS

The hazard analysis for San Juan County reviews three specific areas in relationship to hazardous materials responses. These three areas are transportation, pipelines, and fixed facilities.

TRANSPORTATION:

There are several major highway corridors which cross through the County. Trucks carry all types of hazardous materials use these corridors. SR-191 and SR-666 are major highways in the transportation route from El Paso, Texas and Albuquerque, New Mexico to Salt Lake City, Utah. Additionally, with oil fields through out the County, most all State Highways have hazardous material transportation. Major routes include the following state highways:

- SR-191 (Grand County line south through Monticello, through Blanding, through Bluff and to the Arizona State line at Mexican Water)
- SR-666 (Colorado State Line west to Monticello)
- SR-163 (Montezuma Creek south through Bluff, through Mexican Hat and to the Arizona State line)

Secondary routes include the following state highways:

- SR-46 (LaSal Junction east to the Colorado State line)
- SR-95 (Junction of SR-191, near Blanding west to the Wayne County line)
- SR-276 (Junction of SR-95 near Natural Bridges through Halls Crossing, across John Atlantic Burr Ferry to Bullfrog)
- SR-262 (Arizona State west line near Four Corners through Aneth to Montezuma Creek, north and west to SR-191 near White Mesa)

A map showing the locations of the State Highway is included in this section. County roads that are considered secondary routes for the transportation of hazardous materials include the following:

- CR-113 Lisbon Valley
- CR-111 Big Indian Spur
- CR-114 Steen's Road
- CR-204 Alkali Point Road
- CR-206 Perkins Road
- CR-209 Dry Hole Road
- CR-402 Ismay to Aneth Road
- CR-404 Old Aneth Road
- CR-405 Old Aneth Road Cutoff
- CR-406 Red Mesa Road

CR-407	East McElmo Creek Road
CR-409	Phillips Camp Road
CR-410	Desert Creek Road
CR-413	Reservation Road
CR-457	South San Juan River Road

Transportation incidents and releases pose the highest threat to the public and responders. The location of an incident or release can occur anywhere in the County and near or in populated areas. There can be any type of material being transported and planning for all types and all locations is difficult. Many factors can be added to an incident, such as weather, traffic, locality, time for response, etc. A study done in 1996 by the Monticello Port of Entry station indicates a large number of trucks hauling numerous types of hazardous materials.

There are several locations where highways cross water ways and/or run adjacent to water ways. Incidents or releases in these areas can compound problems and clean-up. These areas include the following:

- San Juan River near Bluff (SR-191)
- San Juan River at Mexican Hat (SR-163)
- San Juan River along SR-263
- Cottonwood Wash at Bluff (SR-163 and SR-191)
- Hite Bridge (SR-95)
- Farley's Canyon (SR-95)
- Recapture Lake near Blanding (SR-191)
- LaSal Creek (SR-46)
- Indian Creek (SR-211)
- McElmo Creek (County Road 402)
- San Juan River (SR 191, SR 163, County Road 409)

There are no major airports within the County, however there could be some small quantity hazardous materials shipped by air to locations within the County. There are major air routes which pass over the County including military training flights.

PIPELINES:

There are several major pipelines that run through San Juan County along with numerous secondary pipelines. Some of the major pipelines includes those operated by Williams, TBI Pipeline, ChevronTexaco, and others. Pipeline accidents have been infrequent, however there remains a possibility of accidents due to a number of factors, including earthquake, landslide, flood, dam failures, wild land fire and man caused. A map showing the locations of the major pipelines is included with this section.

FIXED FACILITIES:

There are a number of fixed facilities located throughout the County. The majority of these facilities are involved with the oil and gas exploration industry. These includes several dozen companies. A map showing the oil fields within the County is included in this section. Other fixed facilities within the County include the International Uranium Corp. near Blanding, gasoline and diesel fuel storage facilities, gasoline stations, bulk propane and butane storage facilities, local propane service stations; swimming pools, water treatment facilities and waste water facilities that store chlorine; school facilities that store chemicals, storage locations, both private and public that store explosives, pesticides, and other hazardous types of chemicals.

At the present time, most uranium mines and mining operation are not in operation. There remains a possibility that some hazardous materials, including explosives, are stored in such locations.

OTHER HAZARDS

In addition to the possibilities detailed in this section, other factors may add to the possibilities for an incident or release of hazardous materials.

Dam Failures:

If certain dams within the county were to fail, the sudden release of water below the dams could effect the stability of some fixed site, transportation routes or railroads. While this possibility is low, planning should be done to see what the possible effects would be in these locations. There are over 19 impoundments within the County that could pose some problems.

Earthquakes:

Fault lines are located in a large portion of San Juan County but are not found near populated areas, Tremors have been relatively small on the Richter Scale and the County has the lowest number of reportable earthquakes of any county in the State of Utah.

Landslides:

There are a number of landslides areas within the County. Most are in remote areas, but could cause damage to pipelines and fixed facilities as well as transportation routes.

Forest and Range Fires:

The treat to damage or release from forest and range fires is minimal. Proper control of areas around fixed facilities should provide adequate protection.

POPULATION RISK AREAS-FACILITIES

SCHOOLS

Elementary Schools:

LaSal
Monticello
Blanding
Bluff
Mexican Hat
Montezuma Creek

Junior High Schools

Blanding

High Schools

Monticello
Blanding (San Juan High)
Montezuma Creek (Whitehorse High)
Monument Valley
Navajo Mountain

Boarding Schools

Aneth (BIA)
Navajo Mountain (BIA)

MEDICAL FACILITIES

Hospitals

Monticello (San Juan Hospital)

Nursing Homes

Blanding (Four Corners Regional Care Center)

JAIL/DETENTION FACILITIES

Jails

Monticello (San Juan County Public Safety Building)
Detention Center (Blanding)

RECREATIONAL RISK AREAS

1. Manti-LaSal National Forest
 - a) Moab Ranger District
 - b) Monticello Ranger District
2. Canyonlands National Park
 - a) Needles District
 - b) Colorado River
3. Newspaper Rock Recreation Site (BLM)
4. Lloyd's Lake-near Monticello
5. Ken's Lake-Spanish Valley near Moab
6. Recapture Lake-near Blanding
7. Glen Canyon National Recreation Area
 - a) Halls Crossing Marina-Lake Powell
 - b) Hite Marina-Lake Powell
 - c) Clay Hills-San Juan River
 - d) Colorado River
8. Monument Valley
9. San Juan River-Montezuma Creek, Bluff, Mexican Hat, Clay Hills
10. Valley of the Gods
11. Grand Gulch Primitive Area
12. Natural Bridges National Monument
13. Needles and Anticline Overlooks
14. Dead Horse Point
15. Gooseneck State Park
16. BLM Public Lands
 - a) Moab Field Office Resource Area
 - b) Monticello Field Office Resource Area
17. Dark Canyon Primitive Area
18. Hovenweep National Monument
19. Rainbow Bridge National Monument

CONCEPT OF OPERATIONS

GENERAL:

Chemicals and hazardous materials are widely used in our environment to improve the quality of life. These materials can, however, represent a hazard to society through accident or misuse due to the lack of knowledge. The large number of hazardous materials being transported and used in our County every day creates a very high potential for incident or disaster.

CONCEPT:

Several agencies and governmental jurisdictions can be involved with one incident. Uniform and coordinated response will be necessary to minimize confusion and bring about a successful resolution of the problem. Many unknowns can be present during hazardous materials incidents. These unknowns can pose a serious threat to both responding personnel and area occupants. It is necessary to provide maximum protection for all. Protective measures to be taken can consist of protective clothing and equipment or evacuation from the area until the hazard is assessed. Other factors can change the nature of the threat or hazard. Weather, outside environment, chemical reactions or a wide variety of other influences can increase the complexity of the incident very rapidly and must be provided for. Other jurisdictions can be affected and must be notified and updated regarding outlined policies and procedures to effectively accomplish established goals and assure immediate safe response.

Many fixed facilities have internal capabilities to handle any incident within the boundaries of the facility. Notification of a release or incident will be immediately made to the San Juan County's Dispatch and Public Safety Responders will be notified and work with the personnel of the fixed facilities to evaluate the incident and to assure that it does not leave the boundaries of the facility or place the public in risk that are outside of the boundaries of the facility. Public Safety personnel will take necessary steps to protect the public. In addition, some of the fixed facilities will loan personnel and equipment to the County, to assist in the response of releases or incidents that are not within their facilities, including technical assistance to responders, labs, etc. See section on resources.

The following facilities have filed their Emergency Operation Plans (EOPs) with the Office of Emergency Management: Williams Energy, International Uranium Corp., TBI Pipeline, Tom Brown Inc.

ORGANIZATION:

This section defines the responsibilities of all organizations involved in effectively resolving the problems caused by a hazardous materials incident.

The following organizations will respond immediately:

1. Law Enforcement
2. Hazmat Emergency Response Team
3. Fire Department(s)

(This plan assumes that if the release or incident occurs on a State Highway or on State Lands, that the Hazardous Material Responder or his designee will become the On-Scene Commander as soon as he/she arrives on site. San Juan County will become a resource and backup agency. The plan also assumes if the release or incident occurs on Bureau of Land Management, Forest Service, National Park Service lands, or Native American Indian Reservation that after the release or incident has been contained and is safe, that the appropriate federal agency will be in charge of all clean up activities. San Juan County will become a resource and backup agency.)

NOTE: Local ambulance service will be put on alert and notified of the situation but may not be required at the scene.

The organizations and/or personnel listed on the "Emergency Response Call Down" at the end of this section will be notified and briefed on the situation, and they may respond if requested or required, depending on the nature of the incident.

Incidents include, but are not limited to:

1. Accidents involving hazardous materials where that material is spilled or leaking,
2. Accidents involving hazardous materials where serious injury or death occurs.
3. Accidents involving hazardous materials where a probable threat to the safety to the general population exists or evacuation of the public is instigated.
4. Commercial or military aircraft accidents or crashes.
5. Accidents involving civil aircraft where they cause injury or death to anyone on the ground or damage to structures, dwelling or building.
6. Any other dangerous leaks, fires, etc., involving hazardous materials.

DIRECTION AND CONTROL/OPERATION**A. Law Enforcement**

1. Establishment of a hazardous materials management area and Command Post in cooperation with Emergency Response Team and Fire Department(s), other responding agencies and facility representatives.
2. Initial identification of hazardous materials (primary on-site).
3. Immediate evacuation, if necessary, according to their established procedures.
4. Security.
5. Provide support for fire, emergency response team and rescue.
6. Provide support for damage assessment.
7. Provide investigation, if required.
8. Provide for coordination with other law enforcement agencies.

B. Fire Department

1. Assist in identification of hazardous materials.
2. Assist in formulation of control and/or neutralization.
3. Assist in area cleanup to the point of assuring health and safety to the residents.
4. Provide available resources.
5. Assist with isolation and evacuation as needed.
6. Assist with rescue and security as needed.

C. Hazmat Emergency Response Team

1. Control and containment of hazardous materials.
2. Identification of hazardous materials (primary on-site).
3. Formulation and execution of control and/or neutralization procedures.
4. Cleanup of contaminated area in cooperation with the Southeastern Utah Health Department and the Utah Division of Environmental Health, if the situation dictates for public health and safety.

(Note: Resources to assist in developing control procedures may be obtained from CHEMTREC 1-800-424-9300, and/or the carrier.)

D. San Juan County Emergency Management

1. Assist in identification of hazardous materials,
2. Provide resources and coordinate evacuation procedures.
3. Assist in formulation of control and/or neutralization.

-
4. Provide coordination with State and Federal Agencies for assistance and resources.
 5. Provide public information as needed/authorized.
 6. Make recommendation to Chief Elected Officials to activate Emergency Operations Center, Declarations, etc.
 7. Conduct after-action debriefing and report coordination.

E. Utah State Department of Environmental Quality

1. Identification of hazardous materials and their effects.
2. Approval and certification of cleanup of contaminated area.
3. Coordinate with carrier or manufacturer of chemicals.
4. Determines contamination to water and air sources.

NOTE: Incidents and responses occurring on the Utah portion of the Navajo Nation will involve coordination between San Juan County and State of Utah agencies with appropriate agencies from the Navajo Nation.

F. Communications

Normal communications networks will be used by each agency to direct forces and resources under their control. Formal requests should come through the Command Post. All other communications will be routed through the Command Post.

G. Execution

It is expected that the Hazmat Emergency Response Team, Fire Department and/or Law Enforcement agencies will be the first to receive notification of a possible hazardous material incident. The first agency to reach the scene will attempt to confirm, by all possible safe procedures, if the incident involves hazardous materials. The incident may be initially confirmed as a hazardous materials incident if the involved carrier is displaying DOT placards or the cargo is carrying DOT labels. Confirmation may also be accomplished through observation of information obtained from the bill of lading and operators at the scene.

After the initial confirmation, the responding agency will notify, by the most expeditious means, the San Juan County Sheriff's dispatch, who will notify the agencies at the end of this section. Each agency will then initiate its plan, standard operating procedures, and/or check list.

H. Procedures

1. Objectives

When a hazardous material incident is confirmed, the main objectives of all agencies will be to:

- a. Protect agency personnel and the public.
- b. Rescue injured persons.
- c. Prevent spread of contamination or damage to the area from BLEVES, explosions, or spilling of toxic agents.
- d. Return community to normal status.

The above objectives will be accomplished in three phases. These phases are:

- a. Containment Identification Phase.
- b. Stabilization Phase.
- c. Decontamination Phase.

2. Incident Command System (ICS) and On-Scene Command

Under Federal Law, the Incident Command System will be utilized on all hazardous material releases or incidents. It is anticipated that a Unified Command System will be utilized with the senior representative of law enforcement, fire departments, emergency response team and emergency management in the command post along with agencies such as transportation, health, and facility representatives as needed.

The Uniform Command or Incident Commander will be responsible for the control of all phases and actions of operations. Incident Command System (ICS) will be used through out the operation.

3. Action Phases

The specific actions under each phase are as follows:

a. Containment Identification Phase:

1. In accomplishing this action, the law enforcement agencies will be responsible for establishing a control area, determined by the gravity of the incident, around the scene area. This will include a hot zone. All traffic inside this area will be restricted, and the area will be prepared for evacuation if the situation should warrant it. An illustration of a control area is shown at the end of this section. An access-egress point will be established upwind-uphill from the point of incident. All personnel and equipment entering the control area will enter and exit through this point.

All equipment and personnel who enter the control area will be held there until it has been established that they will not spread contamination beyond this point into the community. The mobile Command Post will normally be positioned at the perimeter of the entrance to the control area. All personnel responding to the incident will report to the Command Post for assignments. The command post will be identified by a green flashing light and/or green flagging. If a triage area is required, it will be identified by blue flagging or signing.

2. Evacuate Danger Area

- A. In populated areas, a determination will need to be made as to whether the public should remain indoors or be evacuated. For some incidents it is safer to keep citizens inside with doors and windows closed rather than evacuate. Depending upon the circumstances, it may be appropriate to go upstairs or downstairs. Citizens should be alerted to discontinue use of air conditioners, dryers, vents, fans, and fire places in the event of an incident.
- B. If the situation should require complete evacuation of the control area, the Emergency Management Director or the Shelter Systems Officer will establish an evacuation receiving center. The American Red Cross will be notified and safe area identified. In coordination with the American Red Cross Disaster Services, normally the nearest available school auditorium will be used for this purpose. All evacuees will be instructed to report to this center and will be registered. Decontamination of contaminated individuals will be provided by the Hazmat Emergency Response Team or Fire Department prior to the individuals entering the shelter. The American Red Cross will provide shelter and mass care feeding for evacuees. The American Red Cross will maintain a roster of the location of all evacuees. The law enforcement agency will be responsible for evacuation of and security for the evacuated area.

3. Contain Hazard

During the hazardous material incident, the most important action will be to contain the hazard and prevent the incident from escalating into a catastrophic disaster. This responsibility will rest with the Hazmat Emergency Response Team with support from the Fire Department, under the direction of the Command Post. During this containment action, the safety of the public safety personnel will be paramount. If there is the threat of BLEVES or explosion or other significant problem, a prudent

distance will be maintained and an evacuation circle established inside the enlarged control area. All personnel will be evacuated beyond this point. Public Safety personnel will enter only to save human life, if there is consensus that the rescue attempt can be made reasonably safe.

4. Identify Hazardous Materials

One of the most important actions that must be accomplished is to identify the hazardous material and formulate a decontamination procedure. This function will be performed by the Command Post personnel and a representative of the carrier or manufacturer.

NOTE: THIS PLAN RECOGNIZES THE LIMITED MANPOWER AND EQUIPMENT TO RESPOND TO ANY HAZARDOUS MATERIAL INCIDENT. INITIAL EMPHASIS WILL BE GIVEN THE EVACUATION OF THE LOCAL RESIDENTS AND ISOLATION OF THE INCIDENT. IF THE INCIDENT IS WITHIN THE CAPABILITIES OF THE LOCAL EMERGENCY RESPONSE TEAM AND ITS EQUIPMENT, ACTIONS WILL BE TAKEN TO CONTROL THE RELEASE. IF NOT, ADDITIONAL MANPOWER AND RESOURCES WILL BE REQUESTED, WHILE EVACUATION AND ISOLATION PROCEDURES ARE TAKING PLACE.

When the actions of Phase A have been completed, the incident will proceed into Phase B.

b. Stabilization Phase

During this phase, the harmful effects of the hazardous materials may be mitigated by reasonable, controlled methods. This can be accomplished by chemical detoxification, letting the material burn itself out, as in the case of flammable materials, or other controlled means. Once the hazard is controlled, the next phase, Phase C, will be to return the community to normality.

c. Decontamination Phase

Once the hazard has been controlled, the following actions will be accomplished to return the evacuees to the area at the earliest possible time.

1. Remove Hazardous Residue:

The Division of Environmental Quality, will supervise the removal of any residue.

NOTE: SAN JUAN COUNTY WILL NOT REMOVE OR CLEAN UP ANY RESIDUE. THIS IS THE RESPONSIBILITY OF THE PARTY, FACILITY, OR COMPANY THAT CAUSE THE RELEASE. IN THE EVENT THAT THE RESPONSIBLE PARTY, FACILITY, OR COMPANY FAILS TO RESPOND TO THIS REQUIREMENT, THE COUNTY WILL CONTRACT WITH A PRIVATE CLEAN UP COMPANY AND WILL BILL THE RESPONSIBLE PARTY, FACILITY OR COMPANY, ACCORDING TO THE SAN JUAN COUNTY ORDINANCE DEALING WITH HAZARDOUS MATERIALS. A COPY OF THIS ORDINANCE IS INCLUDED IN THIS SECTION.

2. Decontaminate Personnel and Equipment:

The Utah State Division of Environmental Quality, will determine that all personnel and equipment are free of any hazardous residue materials before they are released.

3. Return Evacuees to Area:

Once the Utah State Division of Environmental Quality, has inspected the evacuated area and determined that it is safe, the Law Enforcement agency(s) will coordinate the return of the evacuees.

4. Reports and Logs:

At the conclusion of each incident, all involved agencies will send a copy of their action logs and reports to San Juan County Emergency Management. These reports will be combined and will be used to determine costs and billings to the responsible party, facility or company. These reports are also necessary to determine total incidents throughout the State and to enact legislation to reduce and mitigate further problems.

The reports should indicate the overall incident, including number of personnel, hours involved, costs, damages, provision for cost recovery and other needed information. It should also identify the exact circumstances and cause of the release or incident. The documentation should help the agencies involved if the response operations were effective, whether the emergency response plan should be amended and what follow up training and public training programs are needed.

LOCAL EMERGENCY PLANNING COMMITTEE (LEPC),**HAZARDOUS MATERIAL TRAINING AND EXERCISES****LOCAL EMERGENCY PLANNING COMMITTEE (LEPC)**

The San Juan County Office of Emergency Management (OEM) will coordinate the meetings for the Local Emergency Planning Committee (LEPC). The LEPC is a group of individuals from industry, responding agencies and others that meet together to discuss and plan the responses to hazardous materials incidents. The committee generally meets on a quarterly schedule. The meetings are open to the public. A copy of the list of members is an addendum to this section.

TRAINING

The Hazardous Material Institute (HMI) was formed through a joint effort of the Utah State Department of Public Safety (DPS), Utah Department of Environmental Quality (DEQ), and the Utah Division of Emergency Services and Homeland Security (DESHS). The purpose of HMI is to provide to all first responders, training that is equalized, coordinated and concurrent for all agencies, regardless of their role in responding to a hazardous material incident.

San Juan County participates and receives hazardous material training through the Hazardous Material Institute (HMI) and the Utah Division of Emergency Services and Homeland Security (DESHS).

The San Juan County Office of Emergency Management (OEM) will be responsible for coordinating and requesting classes from HMI for different agencies, upon their request. The Office of Emergency Management will have instructors available on the local level to teach the HMI's First Responder Awareness Course.

The goal is for all fire fighters, emergency medical technicians (EMTs), law enforcement officers and public works personnel that may need this training, to be certified at the minimum level of "First Responders-Awareness Level". After receiving this class, then each individual should receive the "First Responders-Awareness Refresher" course.

The First Responder Awareness Level will teach first responders who are individuals that are likely to witness or discover a hazardous substance release and who have been trained to initiate an emergency response sequence by notifying the proper authorities of the release. They would take no further action beyond notifying the authorities of the release. First responders at the awareness level shall have sufficient training or have had sufficient experience to objectively demonstrate competency in the following areas:

-
- A) An understanding of what hazardous materials are, and the risks associated with them in an incident.
 - B) An understanding of the potential outcomes associated with an emergency created when hazardous materials are present.
 - C) The ability to recognize the presence of hazardous materials in an emergency.
 - D) The ability to identify the hazardous materials, if possible.
 - E) An understanding of the role of the first responder awareness individual in the employer's emergency response plan including site security and control and the U.S. Department of Transportation's Emergency Response Guidebook.
 - F) The ability to realize the need for additional resources, and to make appropriate notifications to the communication center.

Additionally, as many persons as possible from these responding agencies should receive the "Incident Command System" (ICS) course. As required by federal law, the Incident Management System will be used on any hazardous material incident.

All members of the San Juan County Emergency Response Team (ERT) will be certified at the minimum level of "First Responders-Operations" or "First Responders-Technician" level.

The requirements for certification at the operational level includes the awareness course, the eight hour ICS course and the twenty four hour operational level. The annual refresher course is a minimum of four hours. Base line medical screening is required for all operational level responders.

First responders at the operational level are individuals who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. They are trained to respond in a defensive fashion without actually trying to stop the release. Their function is to contain the release from a safe distance, keep it from spreading, and prevent exposures. First responders at the operational level shall have received at least eight hours of training or have had sufficient experience to objectively demonstrate competency in the following areas in addition to those listed for the awareness level and the employer shall so certify:

- A) Knowledge of the basic hazard and risk assessment techniques.
- B) Know how to select and use proper personal protective equipment provided to the first responder-operational level.
- C) An understanding of basic hazardous material terms.
- D) Know how to perform basic control, containment and/or confinement operations within the capabilities of the resources and personal protective equipment available within their unit.
- E) Know how to implement basic decontamination procedures.
- F) An understanding of the relevant standard operating procedures and termination

procedures.

The requirements for the first responder technician certification are completion of the operational courses along with the eighty hour chemistry class, the eighty hour operational site course and twenty four hour hands on course. The annual refresher course for technician level is forty hours. Base line medical screening is also required for this level.

Hazardous material technicians are individuals who respond to releases and potential releases for the purpose of stopping the release. They assume a more aggressive role than a first responder at the operational level in that they will approach the point of release in order to plug, patch, or otherwise stop the release of a hazardous substance. Hazardous material technicians shall have received at least twenty four hours of training equal to the first responder operational level and in addition have competency in the following areas and the employer shall so certify:

- A) Know how to implement the employer's emergency response plan.
- B) Know the classification, identification and verification of known and unknown materials by using field survey instruments and equipment.
- C) Be able to function within an assigned role in the Incident Command System (ICS).
- D) Know how to select and use proper specialized chemical personal protective equipment provided to the hazardous material technician.
- E) Understand hazard and risk assessment techniques.
- F) Be able to perform advance control containment, and/or confinement operations within the capabilities of the resources and personal protective equipment available within the unit.
- G) Understand and implement decontamination procedures.
- H) Understand termination procedures.
- I) Understand basic chemical and toxicological and behavior.

EXERCISES

Exercises or drills are important tools in keeping a plan functionally up to date. Planning should be done with local industry, fire departments, law enforcement agencies, public works departments, as well as the public. The plan should be exercised at least yearly in either a table top, functional or full scale exercise or drill. The Office of Emergency Management will work with the State Exercise and Training Officer to assure completion of this requirement.

TELEPHONE AND EMERGENCY CONTACT ROSTER FOR FIXED FACILITIES (BASED ON TIER TWO

**REPORTS RECEIVED FOR 1999 REPORTING PERIOD OR EMERGENCY OPERATING PLANS FILES
WITH SAN JUAN COUNTY EMERGENCY SERVICES)**

FACILITY/OPERATOR	LOCATION	CONTACT AND TELEPHONE NUMBER
Ballard Petroleum LLC 845 12 th Street West Billings, Montana 59102 406-259-8790	Deadman Basin	Ralph Ramstetter, Pumper 435-979-4107 or 435-686-2285 Dave McCoskery Op Mgr. 406-259-8790 or 406-248-3864
Basin Exploration, Inc. 370 17 th Street, Suite 3400 Denver, CO 80202 303-685-8000 24 Hr. Phone	Tohonadla Battery	Jim Fehlauer, Pro Super 307-358-5800 or 303-685-8000 GD Gentry, Oper Mgr 303-685-8000 or 303-685-8000
Black Oil Company Post Office Box 159 Monticello, Utah 84535 801-587-2215	Mexican Hat Monticello Blanding (Gofer Foods)	Dale Black-Operation Mgr. 435-587-2215 or 435-587-1815 Burton Black, Gn. Mgr. 435-587-2215 or 435-587-1815
Tom Brown Inc. P.O. Box 760 Moab, Utah 84532 435-686-2236	Lisbon Valley	Doug Rosa, Prod Foreman 435-686-7604 or 435-686-2051 Rick Costanza, Field Foreman 435-686-7612 or 435-259-7522
Celsius Energy Co. P.O. Box 11070 Salt Lake City, Utah 84147 801-530-2653	Patterson Field Ucola, Mantel	Dave Nelson, Foreman 303-677-2223 or 303-565-8092 Lynn Gardner 970-296-8945 or 303-794-9320
Central Resources, Inc. 1775 Sherman St. Suite 2600 Denver, CO 80203 303-830-0100		Joe Begaye, Pumper 435-678-2109 Jimmy Tunnell, Foreman 505-632-3476 or 505-632-5048
D.J. Simmons Oil & Gas 3005 Northridge Dr., Suite L Farmington, NM 87401 505-326-3753	Deadman Canyon	Ken Manchester, Prod. Foreman 505-326-3753 or 505-326-5868 Roger Armstrong, Prod Foreman 505-632-9202 or 505-632-0572
Duncan Oil Inc. 1777 S. Harrison St. P-1 Denver, Colorado 80210 303-759-3303	Bradford Canyon Cave Canyon	John Bettridge, Op. Mgr. 303-759-3303 or 303-733-3604 Robert Knuckles-Pumper 970-677-2205 or 970-560-1026
Exxon-Mobil Exploration P.O. Box 633 Midland, Texas 79701	Aneth Prod Area Montezuma Creek	Tom Cochrane, Prod. Forem. 970-565-1324 or 888-532-5427 Arlene Lee, 970-565-1306

915-688-2087		800-532-5427
Four Corners Pipeline Co. 5900 Cherry Avenue Long Beach, California	Montezuma Creek Aneth	Four Corners Pipeline Control Center 1-800-435-1371
Giant Industries Inc. P.O. Box 256 Bloomfield, NM 87413 505-632-8006	Aneth	Tom Kinney, General Mgr. 505-632-8006 Roy Armenta, Pipeline Mgr 505-632-8006
Hallwood Energy Corp 4610 S. Ulster Street, Suite 200 P.O. Box 37811 Denver, CO 80237 (303) 850-7373		Jim Bonaventura, Area Supt 970-259-1374 or 970-247-9662 Kevin O'Connell, Drill/Prod Mgr. 303-850-7373 or 303-838-2191
IUC International Uranium Corp 6425 S. Hwy 191 P.O. Box 809 Blanding, Utah 84511	Blanding Area	William Deal, Plant Mgr. 435-678-2221 or 801-295-6328 Ron Berg, 435-678-2221 or 435-295-6238
KOCH Hydrocarbon P.O. Box 457 Duchesne, Utah 84021	Montezuma Canyon	Dennis L. Thomas, Sup. 801-548-2216 or 435-548-2627 Mob. 801-646-4722 Todd Henderson, Operat. 303-749-0983 or 303-565-8226 Mob. 303-749-0484
Kelley Environmental Engineering 1923 Rotary Drive, Suite 200 P.O. Box 4067 Humble, TX 77347-9867	Merit Energy Blanding	Roger Kelley 281- 446-4427 Or 281-852-4420
Lake Powell Resorts & Marina (ARAMARK) 2040 E Frontage Rd. Page, AZ 86040 520-645-6000		Hite Marina Hwy 95 Tim Dority 435-684-2278 or 535-684-3600 435-684-2278 Ralph Hughes Halls Crossing, Melinda Hyde 435-684-7003 or 435-684-23479
Maxim Technologies 3380 Americana Terrace Suite 201 P.O. Box 7777 Boise, Idaho 83707 208-389-1030	Citizens Comm/Lou Barry P.O. Box 860 Palo Cedro, CA 96073-0860 530-547-2210	Rick Daniel Jr. 435-259-140 George Carter 435-259-7023 800-782-3955 24 hrs
MK Ferguson Company P.O. Box 9236 Albuquerque, NM 87119	Mexican Hat Halchita	Doug Putnam, Env. Sp. 505-845-5868 or 505-845-0142 D#2462+# Tim Swisse, Site Mgr. 801-739-4221 or 505-845-0142D #2462+#
Mid-American Pipeline Co. 715 Horizon Drive, Suite 301 Grand Junction, CO 81506		Central Dispatch 1-800-331-3032 Or 1-918-584-4471 Tim Berry, Area Tech. Mob 435-259-2014 Home: 435-259-6624 Charles Kiddoo, Mgr. 505-334-6114 J. Dennis Holland 970-243-3600
M-I L.L.C. 203 East Main	Mobil Yard Aneth	Danne Beason, Area Mgr 970- 560-4687

Riverton, WY 82501 307-856-6063		Mike Wilson, Operations Mgr 307-856-6063
Northwest Pipeline Corp Williams Energy Gas Pipelines West Moab, Utah 84530 or 295 Chipeta Way, Mail Stop 3M1, SLC, UT 84108 24 Hour Emergency Number	LaSal Junction	Gas Control 801-584-6949 or 435-686-2214 Plant 801-259-7422 24 Hr. Phone 800-972-7733 Todd Stubbs, Dist Mgr Cell 801-201-7311 or 435-260-1536
Omimex Group Omimex Resources, Inc. 5608 Malvey, Penthouse Suite Fort Worth, TX 76107 817-735-1500		Sammy Jeter, Supt 817-735-1500 Clay Cullum 970-565-4289 or 970-560-0944
Pacific Corp. (UP and L) 1407 West North Temple Rm 270 Salt Lake City, Utah 801-220-2200	Blanding Station Pinto Substation	Donovan Woodward 453-259-3225 800-250-5523 Sid Mortenson, Reg. Train 801-220-2286 800-947-7455
Petrolane Gas Service South Highway 191 Blanding, Utah 84511	Blanding Spanish Valley	Keith Campbell, Dist. Mgr. 435-678-260 or 435-678-2822 Kyle Adams, Driver 435-678-2822 or 435-678-2426
Phillips Petroleum Company 5525 Highway 64, NBU 3004 Farmington, New Mexico 87401	Aneth Montezuma Creek	Robert Flesher, Area Mgr. 505-599-3400/401 505-599-3400 Richard Allred, Prod. Sup. 505-593-3400/403 505-593-3400
Questar E&P Co. 1331 17 th Street, Suite 800 Denver, CO 80202	Patterson Unit	Dave Nelsen, Foreman 970-564-9231 or 800-995-8455 Eric Marsh, Div Operations Eng. 970-5649231 or 800-995-8455
Questar Gas Management Co. P.O. Box 45601 Salt Lake City, Utah		Steve Matson, Dist. Foreman 435-781-2871 or 435-789-2931 Kevin Peretti, Dist. Manager 307-352-7522 or 307-362-1076
Questar InfoComm, Inc. #11 East 700 South Salt Lake City, UT 84111 801-324-1960		Mike Martin, Director of Telecom 801-324-1938 or 801-324-4357 Henry Elder, Supervisor 801-324-1975 or 801-324-4357
Samedan Oil Corp 13600 Northborough, #250 Houston, TX 77067 281-876-6150	Mustang Unit	Randy Shelton, Field Foreman 435-678-2169 or 435-678-2169 Lynn Hitt, Dist Foreman 281-876-6150 or 713-854-3150
Sterling Energy Co. 1801 Broadway, Suite 600 Denver, Colorado 80202	Bluff-Toda Montezuma Creek	Ed Carlson, Pumper 801-678-2606 or 303-234-5102 Mob: 303-565-8974

303-296-1908		Jerry Smothermon, VPOP 303-296-1908or 303-234-5102
Texaco E & P INC. 3300 North Butler Farmington, New Mexico 505-325-4397	Montezuma Creek Aneth	Allen Davis, Area Mgr. 505-325-4397 ext 20 505-327-5152 Lynn Begay, Supervisor 435-651-3277 or 435-651-3228 Roger Attcity, 505-325-4397or 435-672-2309
Texaco-Elk Horn Operations P.O. Box 2199 Denver, CO 81201-2100 24 Hr. 435-652-2359 or	Aneth Gas Plant	Ted Francis, Plant Supervisor 435-651-3685 or 435-651-3254/55 Gene Gruette, Plant Manager 435-651-3254/55
Texas-New Mexico Pipeline Co. Post Office Box 2528 Hobbs, New Mexico 88241-2528	Montezuma Creek	Day 1-505-393-2135 Night 1-505-395-2026
Western Gas Resources-UT 12200 N. Peco St. #230 Denver, CO 80234-3439 303-452-5603 303-450-6960	Four Corners Compressor Station County Road #204 Aneth Launcher	Alkali Area Tim Bates 505-598-5601 Kent Mcevers 505-598-5601 24 Hr. 800-241-2778 435-678-2932 or 435-587-2467 Kerry Black. Pt. Oper. 435-678-2932 or 435-678-2559 Arlyn Thorson, Fd. Sup. 505-598-5601 or 505-241-2778 Tretolite 1-800-424-9300
WEXPRO P.O. Box 45601 108 E. 100 S. Salt Lake City, Utah 84147 801-324-2653	Bug Field	Paul Woodard, Dist.Foreman 307-352-7572 or 307-362-3226 435-530-2653 Terry Nimmo, Operations Mgr. 307-352-9791 or 307-362-1733
Woody's Enterprises P.O. Box 2090 Wickenburg, AZ 85358	Monticello Blanding	Jack Lowe, President 520-684-7868 or 602-256-6730 Buddy Vaughan, Sec/Tr. 520-684-7868 or 602-256-6730