

APPENDICES

FOR

ANNEX L

APPENDICES TO ANNEX L

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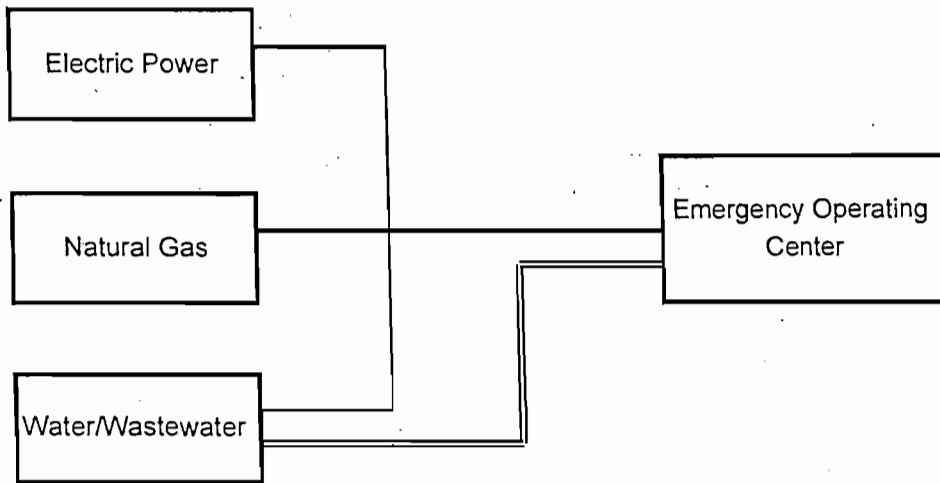
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Utilities Communication Network



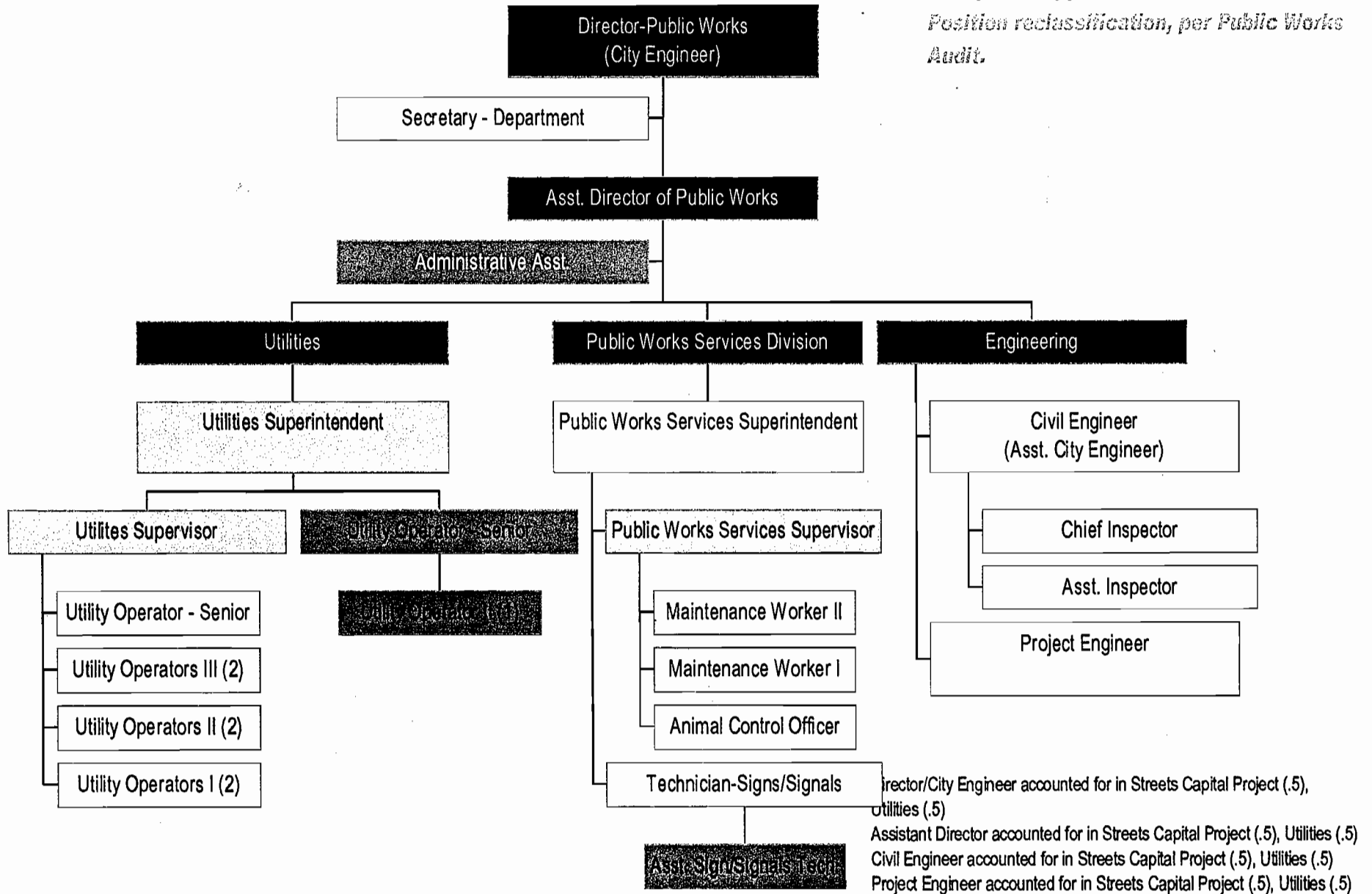
LEGEND:

==== Radio

_____ Telephone

Public Works Department

New position, per Public Works Audit.
Position reclassification, per Public Works Audit.



APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Utilities Department		972/450-2871
Utility Superintendent	Jerry Davis	972/661-1693
Utility Supervisor	Ron Pelky	972/661-1634
Nine Work Persons		

EQUIPMENT

Dump Truck	2
Crane Truck	1
Vactor	1
Pickup Trucks	6
Compressor	1
Generators	2
Water Pumps	5
GMC Sewer Cleaning	1

PERSONNEL

Addison Street Division		972/450-2840
Superintendent	Robin Jones	972/450-2849
Public Works Inspector	Dave Wilde	972/450-2847
Street Supervisor	Al Dent	972/450-2841
Four Work Persons		

EQUIPMENT

6 yard Dump Trucks	2
Backhoe/Loader	1
Chain Saws	5
Air Compressor	1
Generator	1
Asphalt Roller	1
Pickup Trucks	4
Barricades	100
Aerial Bucket Truck	1

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Parks Department		972/450-2851
Director	Slade Strickland	972/450-2869
Parks Superintendent	Ron Lee	972/450-2863
Eighteen work persons		

EQUIPMENT

Backhoe/Loader	1
Pickup Trucks	9
Aerial Bucket Truck	1
Chain Saws	3
Generators	1

APPENDIX 3 TO ANNEX L
Utilities & Emergency Service Phone Listing

Southwestern Bell

Line Locates	Dig Tess	1-800-344-8377
Emergency Repairs	Lines dug up or bored into, etc.	1-800-286-8313
Special Services	To report circuit down (need circuit no.)	214-268-1777

ONCOR Electric/Gas

Line Locates	Dig Tess	1-800-344-8377
Emergency Repairs	Power Outage, Line Repairs.	972-791-2888
Representative	Jean Hooker	972-888-1302

City Of Dallas

Dallas Water Utilities	Manager Phil Boyd (Day)	214-670-5888
Operation Controls	Dallas Water Operations (24 hour)	214-670-8064
Wholesale Services	Line Locate, Master Meters, Etc.	214-670-5886

I&C Sales

SCADA	David Smith, Joe Gibson (pgr.214-344-5719)	972-221-4849
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Mastec

Mike Lewis	Operations Manager (mobile 214-803-0805)	214-571-2520
Roger Cole	Chief Estimator (mobile 214-543-4936)	214-571-2517

Pump Stations

McCreary & Associates, Inc.	Joe Katrola Electrical Consultant	972-458-8745
Shermco Industries	Celestial Electrical/Pumping	214-358-4271
North TX. Pump	Art Johnson - Surveyor/Kellway	972-562-3880

Generator/Fuel Co.

Stewart & Stevenson	Generator Maint./Repairs	214-631-5370
Generator Fuel	Sheryl Hulsey	1-817-740-7404
Generator Fuel Services	Filgo Oil, Chris Bovard (24 hr. service)	214-638-2787
		Pager # 214-984-6805

APPENDIX 4 TO ANNEX L

DALLAS

City of Dallas
Water Utilities Director
Bob Johnson.....214-670-3144
After hours...214-670-8064

Wholesale Manager
Randy Stalnaker.....214-670-5887

FARMERS BRANCH

City of Farmers Branch...972-919-2597*
Director of Public Works
Mark Pavageau
Emergency...972-484-3620
* Police Dept. answers after hours

Water Superintendent
Roy Smallwood.....972-919-2613*

CARROLLTON

City of Carrollton
Director of Public Works
Stephen Jenkins.....972-466-3181
Emergency...972-466-3425

Water Superintendent
Byron Hardin.....972-466-3476

RICHARDSON

City of Richardson
Director of Public Services
Clay Gooch.....972-744-4224
Emergency...972-235-2238

Water Superintendent
Richard Austin.....972-744-4411

Emergency Coordinator
George Grant.....972-744-5756

**APPENDIX 5 TO ANNEX L
BARRICADES AND RENTAL COMPANIES**

Barricades

United Rental	817/595-8885
Dallas Lite & Barricade	214/748-5791
United/NES Shoring	214/357-4369
Lone Star Barricade	972/939-1414

Rental Equipment

DARR Equipment	Dallas	972/721-2000
	Plano	972/785-6565
United Rental		972/556-0005
Hertz Rental		214/352-4891
		214/657-2778 After-hours
Arentco		972/620-1005

APPENDIX 6 TO ANNEX L
KEY FACILITIES
Essential Operations & Their Locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75001

Law Enforcement Services

Addison Police Department
4799 Airport Parkway
Addison, Texas 75001

Dispatch office 972/450-7157
Supervisors office 972/450-7159

Fire Services

Addison Fire Station #1 972/450-7201
4798 Airport Parkway
Addison, Texas 75001

Addison Fire Station #2 972/450-7230
3950 Beltway Drive
Addison, Texas 75001

Public Works

Addison Service Center 972/450-2871
16801 Westgrove Drive
Addison, Texas 75001

Utility Service

Celestial Pump Station (Water) 972/726-6909
5510 Celestial Road
Addison, Texas 75001

Surveyor Pump Station (Water) 972/991-9186
15130 Surveyor Blvd.
Addison, Texas 75001

Addison Water Tower (Water) 972/458-8620
4901 Addison Circle DR.
Addison, Texas 75001

APPENDIX 6 TO ANNEX L
KEY FACILITIES
Essential Operations & Their Locations

Utility Service (cont.)

Kellway Lift Station (Sewer) 972/930-9841

4245 Kellway Circle

Addison, Texas 75001

Spectrum Center, West Tower (Main Antenna)

5080 Spectrum

Addison, Texas 75001

Security Desk

Chief Engineer

972/851-2625

APPENDIX 7 TO ANNEX L
COMMUNICATION RESOURCES
ADDISON TWO WAY RADIO INVENTORY

Department	Desktop	Vehicle	Handheld	Cell Phones
Streets	1	6	6	4
Utilities	2	10	2	4
Parks and Recreation	1	12	6	3
Building Inspection	0	0	0	3
Environmental Health	0	0	0	2

APPENDIX 8 TO ANNEX L

WATER EMERGENCIES

CURTAILMENT OF LOCAL USE OF WATER

In case of water shortage, local use can be curtailed by the series of steps listed below. During a water shortage, supplies of water should be denied to users in the following order:

Parks and playgrounds, swimming pools, and ornamental fountains, car washing or landscape sprinkling

Air conditioning using water

Commercial and industrial concerns engaged in non-essential or luxury-type activities or production

Single family residences

Multi-family residences, duplexes, etc.

Group housing, apartments, hotels, and motels

Fire protection

PRIORITY ON LOCAL USE OF WATER

In case of water shortage, the following users should have preference for water service or restoration of service. These facilities are not listed in order of priority, but each should be considered based upon community needs.

Hospitals and emergency hospitals, doctors' offices and clinics

Emergency shelters and community facilities for displaced persons

Water dispensing stations

Dairy processing plants

Food production, processing and storing

Refineries, petroleum and petroleum products

Control centers (EOC, police, fire, other utilities)

Communication originating stations

Transportation centers

Fire protection

Group housing, apartments, hotels and motels

APPENDIX 8 TO ANNEX L CONTINUED

MINIMUM WATER REQUIREMENTS PER PERSON/DAY:

(Minimum Range)

Hospital and other medical facilities	5-25 gallons/patient/day
Mass-care centers	
Lodging and emergency feeding	5-15 gallons/person/day
Lodging centers-drinking	2 gallons/person/day
Lodging center with flush-toilet facilities - drinking, feeding and sanitary uses	25 gallons/person/day
Mass-feeding stations - cooking and sanitation	3-10 gallons/person/day
Households	5-15 gallons/person/day
Drinking, cooking and sanitation	
With operative flush-toilet facilities	25 gallons/person/day

METHODS OF EMERGENCY WATER DISINFECTION

A. For small amounts of water

1. Boil two or three minutes.
2. Add three drops of ordinary household two percent tincture of iodine to one quart clear water, wait one hour. Add six drops for cloudy water.

B. For large or small amounts of water

1. Add sodium hypochlorite (NaHOCl) in amounts shown below. Ordinarily liquid household laundry bleach contains this compound, usually at 5.25% strength. Add correct dose, mix thoroughly, and wait a thirty minutes. Treated water should have distinct chloride odor. If no chloride odor, add more bleach, mix and let stand for fifteen minutes.

DOSE OF 5.25% SOLUTION

QUANTITY OF WATER	CLEAR	CLOUDY
1 quart	2-3 drops	5 drops
1 gallon	10 drops	20 drops
5 gallon	1/2 teaspoon	1 teaspoon
1500 gallon	1 quart	2 quart

2. Add water purification tablets chlorine or iodine release according to label. Available at drugstores.

APPENDIX 8 TO ANNEX L CONTINUED

3. Other common chemicals which can be used for emergency disinfection are shown in attached table.

C. For dishwashing purposes

1. Chlorinate: add at least 50ppm of available chlorine at temperature not less than 75 degrees F. (50ppm = 50mg chlorine/liter water)
2. Iodine: at least 12.5ppm of available iodine in a solution not having a ph above 5.0 temperature of not less that 70 degrees F. (12.5ppm = 12.5mg chlorine/liter of water)

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	to Give 200 ppm CL2 or I2 for Food Utensil Disinfection		to Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
BK Powder (CL2)	50	1 t	2 gal	1 t	37 gal	Janitorial, hotel, restaurant, dairy and chemical supplies
Betadine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Household Ln. Bleach (CL2)	5.25	1 T	1 gal	1 T	20 gal	Grocery store
Iodine Tabs; Globaline Potable Aqua, etc.	-	-	-	2 tabs	1 qt	Drugstore, sporting good stores
HTH (CL2)	70	1 tab	4 gal	1 tab	85 gal	Janitorial, hotel, restaurant, dairy, & chemical supplies
Iobac (I2)	0.96	1 T	7 cups	1 T	4 gal	Janitorial, hotel, restaurant, dairy, chemical supplies
Iodine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Lugol's Soln. (I2)	5	1 t	5 cups	1 T	20 gal	Drugstore
Trinclair's (CL2) 06/15/92	24	1 t	5 qt	1 t	29 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Structure of I2	2	1 T	6 cups	1 T	3 gal	Drugstore

APPENDIX 8 TO ANNEX L CONTINUED

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drink- ing Water		Availability
		Quantity	Made up to	Quantity	Made up to	
Wescodyne (I2)	1.6	1 T	5 cups	1 T	6 1/2 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Zonite (CL2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore

APPENDIX 8 TO ANNEX L

POSSIBLE EMERGENCY WATER STORES

Town of Addison Athletic Club.....484-2296
Indoor Swimming Pool at 3900 Beltway Drive

Loos Athletic Facility.....888-3194
Indoor Swimming Pool at 3815 Spring Valley

APPENDIX 9 TO ANNEX L

WASTEWATER EMERGENCIES

If the local sewage system becomes overloaded or if there are not enough toilet facilities to accommodate relocated people in their lodging areas, (Wastewater Manager) will need to improvise waste disposal latrines and other sanitation devices.

General considerations for improvised toilet facilities and waste disposal:

- select a site at least 100 yards from any food preparation area and 150 feet from the nearest water source.
- site should be accessible to users but away from lodging or residential areas.
- provide separate latrines for men and women and place canvas or other type of screen or tent around them.
- there should be enough latrine seats to accommodate from 8-12% of people at one time.
- prevent surface water from flowing into latrines by digging drainage ditches.
- control flies by spraying area with insecticides: spray latrine pit twice weekly; keep latrine area clean.
- install hand washing device and disinfecting solution near latrine area; keep supply of toilet paper in rainproof containers.
- when latrine pit becomes filled with waste to within one foot from the surface, close the latrine:
 - cover contents with minimum of two feet of earth and pack down firmly
 - spray the area with oil or insecticide
 - mound pit over with at least one foot of dirt and spray again
 - mark site "CLOSED LATRINE"

EMERGENCY MANAGEMENT JOB DISCRPTION

Utilities Superintendent

Assignment: Service Center

Reports to: Director of Public Works / City Engineer / Assistant Director of Public Works

Supervises: Utilities Personnel

Responsibilities:

Preparation:

- Prepare and maintain all equipment and SOP's necessary for the restoration of the city's water and wastewater systems
- Prepare for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's necessary for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's for the maintenance and operation of the city owned water system
- Ensure emergency power and water capabilities for all vital city facilities

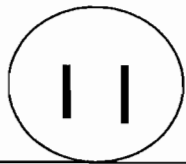
Response:

- Removal of debris
- Assess and report extent of damage to city utilities
- Coordinate the activities of private utility companies during disaster operations
- Assessment of damages of streets, bridges, traffic control devices, waste facilities and sanitation systems and public works facilities

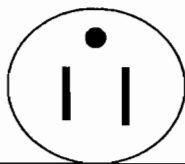
Recovery:

- Assure restoration of all water, sanitation and wastewater facilities
- Maintain an accurate record of all damages, repairs and expenses for financial recovery
- Record any difficulties occurring during the response phase and plan for mitigation measures to alleviate future problems

EMERGENCY GENERATOR INFORMATION (Existing Installation)	
1	Facility Name: <i>Celestial Road Pump Station</i>
2	Facility Address: <i>5510 Celestial Rd. , Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input checked="" type="checkbox"/> Water Pumping/Treatment <input type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Distribution</i>
4	Facility Point of Contact: <i>Jerry Davis (8-5pm)</i> Phone: <i>972 661-1693</i>
5	If more than one generator exists, provide generator number or location within facility:
6	Electrical Requirements; Kilowatts: <i>600</i> Volts: <i>4160</i> Amperes: <i>75</i> Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
7	Fuel: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
8	Fuel Tank Size: Gallons: <i>800</i> Pounds:
9	Fuel Tank Type: <input checked="" type="checkbox"/> Attached to generator <input type="checkbox"/> Separate tank
10	Generator Weight: <input type="checkbox"/> Pounds: <input type="checkbox"/> Tons:
11	Starting: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual/Recoil <input type="checkbox"/> Other:
12	Generator Support: <input checked="" type="checkbox"/> Pad/Permanent Installation <input type="checkbox"/> Skid <input type="checkbox"/> Trailer
13	Generator in Weather Housing: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
15	Is Generator Hard Wired to Electrical System? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16	Generator Receptacles Required (indicate numbers and types; see illustrations below): <i>N/A</i>
17	Other Pertinent Information:



15A-125V
NEMA 1-15R



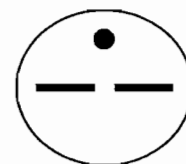
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NEMA 5-15R



20A-125V
NEMA 5-20R



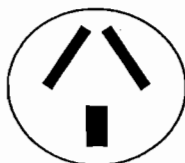
30A-125V
NEMA 5-30R



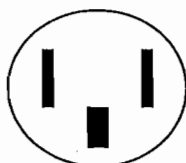
30A-250V
NEMA 6-30R



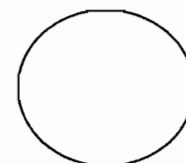
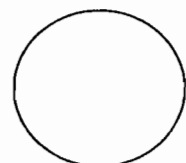
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NEMA 5-30R



50A-125/250V
NEMA 10-50R

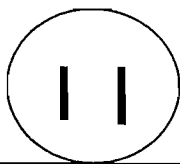


50A-250V
NEMA 6-50R

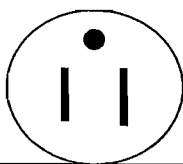


If illustrations don't match what you have, draw your receptacles here.

EMERGENCY GENERATOR INFORMATION (Existing Installation)	
1	Facility Name: <i>Kellway lift Station</i>
2	Facility Address: <i>4245 Kellway circle, Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input type="checkbox"/> Water Pumping /Treatment <input checked="" type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Collection</i>
4	Facility Point of Contact: _____ Phone: <i>972 930 9841</i>
5	If more than one generator exists, provide generator number or location within facility:
6	Electrical Requirements; Kilowatts: <i>200</i> Volts: <i>480</i> Amperes: <i>301</i> Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
7	Fuel: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
8	Fuel Tank Size: Gallons: _____ Pounds: _____
9	Fuel Tank Type: <input checked="" type="checkbox"/> Attached to generator <input type="checkbox"/> Separate tank
10	Generator Weight: <input type="checkbox"/> Pounds: _____ <input type="checkbox"/> Tons: _____
11	Starting: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual/Recoil <input type="checkbox"/> Other:
12	Generator Support: <input checked="" type="checkbox"/> Pad/Permanent Installation <input type="checkbox"/> Skid <input type="checkbox"/> Trailer
13	Generator in Weather Housing: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
15	Is Generator Hard Wired to Electrical System? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16	Generator Receptacles Required (indicate numbers and types; see illustrations below): <i>N/A</i>
17	Other Pertinent Information:



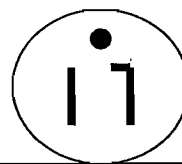
15A-125V
NEMA 1-15R



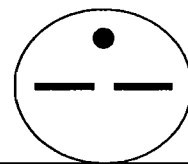
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NEMA 5-15R



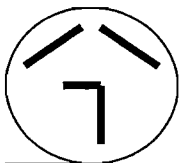
20A-125V
NEMA 5-20R



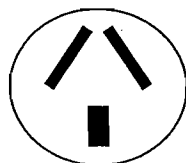
30A-125V
NEMA 5-30R



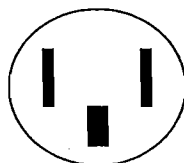
30A-250V
NEMA 6-30R



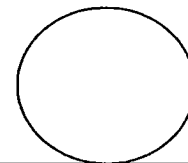
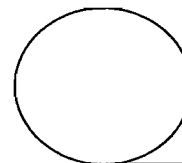
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R

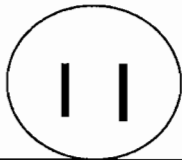


50A-250V
NEMA 6-50R

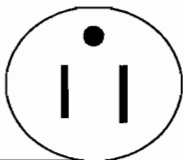


If illustrations don't match what you have, draw your receptacles here.

EMERGENCY GENERATOR INFORMATION (Additional Equipment)	
1	Facility Name: <i>Surveyor Pump Station</i>
2	Facility Address: <i>15130 Surveyor Blvd. Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input checked="" type="checkbox"/> Water Pumping/Treatment <input type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Distribution</i>
4	Facility Point of Contact: _____ Phone: <i>972 991-9186</i>
5	Electrical Requirements: Kilowatts: _____ Volts: _____ Amperes: _____ Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
6	Fuel Available: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
7	Site Access: Site accessible for emplacing trailer-mounted unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Site accessible for unloading/positioning skid-mounted unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
16	Generator Receptacles Needed (indicate numbers and types; see illustrations below): <i>Not available for connection at this time</i>
17	Other Pertinent Information:



15A-125V
NEMA 1-15R



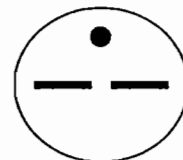
15A-125V
NEMA 5-15R



20A-125V
NEMA 5-20R



30A-125V
NEMA 5-30R



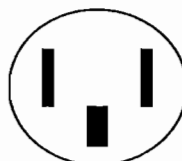
30A-250V
NEMA 6-30R



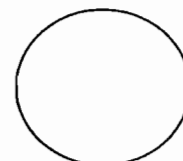
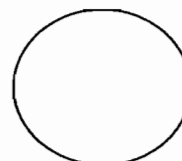
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R



50A-250V
NEMA 6-50R



If graphics don't match what you need,
draw what you need here.

EMERGENCY GENERATOR FORMS

1. The emergency generator forms which follow are provided to facilitate pre-planning for emergency generator requirements, either to obtain a generator which does not have one or replace an existing generator which has failed.

The Emergency Generator Information – Existing Installation form should be used to record information on existing emergency generators in case they must be replaced.

The Emergency Generator Information – Additional Equipment form should be used to identify requirements for additional emergency generators for critical facilities that do not currently have such generators.

2. Forms should be completed by the owner or operator of the facility that has or may need a generator and provided to the local EMC. A separate form should be completed for each existing generator or additional generator that is required. The local Utility Coordinator will maintain completed forms for use during emergencies. It is suggested that individuals completing these forms retain a copy for their own records.
3. In completing these forms, keep the following in mind:
 - A. If in doubt about what type of capability is needed, consult a qualified electrician.
 - B. Generators are often quite heavy and should be emplaced on a firm, level site, and preferably a paved area.
 - C. A forklift is normally used to emplace a skid-mounted generator. The forklift operator must have adequate room to maneuver.
 - D. In considering emergency generator siting, remember that generators are often noisy and produce exhaust fumes that may be sucked into nearby ventilation intakes. Vehicle access will be needed to refuel.

←
scheduled to come out
to surveyor next week.
Feb. 24 - 28?

APPENDICES

FOR

ANNEX K

**APPENDIX 1 TO ANNEX K
PERSONNEL**

Addison Street Division		972/450-2840
Superintendent	Robin Jones	972/450-2849
Public Works Inspector	Dave Wilde	972/450-2847
Street Supervisor	Al Dent	972/450-2841
Four work persons		

EQUIPMENT

6 yard Dump Trucks	2
Backhoe/Loader	1
Chain Saws	5
Air Compressor	1
Generator	1
Asphalt Roller	1
Pickup Trucks	4
Barricades	100
Aerial Bucket Truck	1

PERSONNEL

Addison Utilities Department		972/450-2871
Utility Superintendent	Jerry Davis	972/661-1693
Utility Supervisor	Ron Pelky	972/661-1634

EQUIPMENT

Dump Truck	2
Crane Truck	1
Vactor	1
Pickup Trucks	6
Compressor	1
Generators	2
Water Pumps	5
GMC Sewer Cleaning	1

APPENDIX 1 TO ANNEX K

PERSONNEL

Addison Parks Department		972/450-2851
Director	Slade Strickland	972/450-2869
Parks Superintendent	Ron Lee	972/450-2863
Eighteen work persons		

EQUIPMENT

Backhoe/Loader	1
Pickup Trucks	9
Aerial Bucket Truck	1
Chain Saws	3
Generators	1

APPENDIX 2 TO ANNEX K

ONCOR

1-888-313-4747

SOUTHWESTERN BELL

Dalene Buhl Director External affairs

Office 972/454-6633

Cell 214/534-5753

TRAFFIC SIGNAL

Consolidated Traffic Controls

Traffic Signal hardware, electronics, heads, controllers, etc.

Office 817/265-3421

Jerry Preister Home 817/447-3785

Terry Hammick Cell 817/307-7043

Les Trammel (Tech.) Cell 817/307-7046

Durable Specialties

Traffic signal poles, foundations, heads, mast arms

(Trucks, cranes, man lifts, equipment and labor.)

Office 972/296-6324

Jeff Bryan Home 817/468-9991

Cell 214/808-1056

Cell 972/880-5457

Scott Word 817/401-3078

Zeferina Luna Home 214/992-7018

Cell 972/880-5461

Paradigm Traffic Systems

Econolite, Electronics, Controllers, (Tech Support)

Office 1-800/589-6205

Office 1-817/957-0878

Mike Fiske Cell 817/247-6340

Keith Higgins Cell 817/247-6023

Sharrock Electric

(Trucks, cranes, man lifts, equipment, controllers, etc)

Office	Metro	817/429-8502
24 Hr. Emergency	Metro	817/429-8502 (Bob White)

Groves Electric

Electrical wiring & service

Office		
Emergency		972/484-2717
(Bill Groves)		

Mel's Electric

Electrical wiring & service

Office		214/565-1074
Johnny Hines	Pager	214/967-4106
	Cell	214/202-5694

City of Carrollton

Signal Department		972/446-3606
Lupe Alvarado	Office	972/466-9872
Mike Brighton	Office	972/466-9873
	Cell	214/533-0420

Railroad Crossing - DART Line - DGNO Operator

DGNO Dispatching Center		1-800/242-7906
Local Signal Maintainer	Cliff Martin	817/296-5003
Track Maintenance	David Martinez	Cell 214/356-6419
		Office 972/808-9800 Ext. 213
Area General Manager	Lou Szabo	214/728-6994
ROW Maintenance	Edna	817/822-4980

**APPENDIX 3 TO ANNEX K
DALLAS COUNTY DISTRICT #1**

PERSONNEL

Dallas County District #1 972/247-1735

Tommy Norris	Cell 214/850-7869	Home 972/279-4280
Larry Morrisieft	Cell 214/850-5034	Home 972/642-5254
Mike Sharp	Cell 214/850-4753	Home 903/564-7939

Twenty-five work persons

EQUIPMENT

Rubber Tire Loaders	2
Track Loaders	2
Dozer	1
Road Grader	1
Dump Trucks	13
Sandspreaders	3
Street Sweepers	1

APPENDIX 4 TO ANNEX K

CITY OF DALLAS

EMERGENCY PREPAREDNESS

Director Jim Woods 214/670-4491

**CITY OF DALLAS STREET DEPARTMENT
NORTH DALLAS DISTRICT**

Street Department Dispatch 214/670-4398
Emergency 311

Street Division Manager Darryl Fourte 214/670-3795
Street Manager Johnny Bannister 214/670-6000
Street Supervisor Russell Jones 214/671-0338

CITY OF CARROLLTON

Director over Maintenance Stephen Jenkins 972/466-3470
Emergency 972/466-3425
Street Superintendent Danny Stevens 972/466-3480

CITY OF FARMERS BRANCH

Director of Public Works Mark Pavageau 972/919-2597
Emergency 972/247-3131
Street Superintendent Shannon Chowning 972/919-2615

CITY OF RICHARDSON

Public Works Department Dispatch 972/744-4111
Emergency 972/238-3800

Director of Public Works Clay Gooch 972/744-4224
Street Superintendent Charles Vessel 972/744-4442
Street Supervisor Ron Tower 972/744-4443
Street Supervisor Al Wittenback 972/744-4441

**APPENDIX 5 TO ANNEX K
BARRICADES AND RENTAL COMPANIES**

Barricades

United Rental	817/595-8885
Dallas Lite & Barricade	214/748-5791
United/NES Shoring	214/357-4369
Lone Star Barricade	972/939-1414

Rental Equipment

DARR Equipment	Dallas	972/721-2000
	Plano	972/785-6565
United Rental		972/556-0005
Hertz Rental		214/352-4891
		214/657-2778 After-hours
Arentco		972/620-1005

APPENDIX 6 TO ANNEX K

STREET SWEEPING AND GARBAGE COLLECTION

Street Sweeping

Mr. Sweeper	Main number	(214) 688-4444
4710-C Don Drive	John Green	(Mobil) (214) 207-3005
P.O. Box 560048	David Franklin	(Home) (214) 368-3992
Dallas, Texas 75356-0048	Mike Albert	(Home) (214) 987-1230

Garbage Collection

Texas Waste Management	Main number	(972) 436-3512
P.O. Box 719		(972) 315-5400
1601 Waste Management Blvd.		
Lewisville, Texas 75067-0719		
Residential Route Supervisor	Kevin Ponder	(Cell) (214) 325-0441

Landfill Information

Waste Management of Texas, Inc.
DFW Sanitary Landfill
1600 A South Railroad Street
Lewisville, Texas 75067
(972) 219-1218

Landfill acreage	854
Capacity available	30,000,000 cubic tons or 21 years at current volumes
Currently processing	12,800 cubic yards per day
Landfill operating hours	Monday – Friday 24 hours per day, Saturday 6 a.m. to 3 p.m. Sunday Closed
Gate rate for loose debris	\$5.00 per cubic yard

APPENDIX 8 TO ANNEX K

COMMUNICATION RESOURCES

ADDISON TWO WAY RADIO INVENTORY

Department	Desktop	Vehicle	Handheld	Cell Phones
Streets	1	6	6	4
Utilities	2	10	2	4
Parks and Recreation	1	12	6	3
Building Inspection	0	0	0	3
Environmental Health	0	0	0	2

APPENDICES

FOR

ANNEX K

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Public Works Inspector	Dave Wilde	972/450-2847
Street Supervisor	Al Dent	972/450-2841
Four work persons		

EQUIPMENT

6 yard Dump Trucks	2
Backhoe/Loader	1
Chain Saws	5
Air Compressor	1
Generator	1
Asphalt Roller	1
Pickup Trucks	4
Barricades	100
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PERSONNEL

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EQUIPMENT

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Pickup Trucks	6
Compressor	1
Generators	2
Water Pumps	5
GMC Sewer Cleaning	1

APPENDIX 1 TO ANNEX K

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Mike Sharp	Cell 214/850-4753	Home 903/564-7939

Twenty-five work persons

EQUIPMENT

Rubber Tire Loaders	2
Track Loaders	2
Dozer	1
Road Grader	1
Dump Trucks	13
Sandspreaders	3
Street Sweepers	1

APPENDIX 4 TO ANNEX K

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EMERGENCY PREPAREDNESS

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Street Superintendent Shannon Chowning 972/919-2615

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Emergency 972/238-3800

Director of Public Works Clay Gooch 972/744-4224
Street Superintendent Charles Vessel 972/744-4442
Street Supervisor Ron Tower 972/744-4443
Street Supervisor Al Wittenback 972/744-4441

**APPENDIX 5 TO ANNEX K
BARRICADES AND RENTAL COMPANIES**

Barricades

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Dallas Lite & Barricade	214/748-5791
United/NES Shoring	214/357-4369
Lone Star Barricade	972/939-1414

Rental Equipment

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	Plano	972/785-6565
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Hertz Rental		214/352-4891
		214/657-2778 After-hours
Arentco		972/620-1005

APPENDIX 6 TO ANNEX K

STREET SWEEPING AND GARBAGE COLLECTION

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P.O. Box 560048	David Franklin	(Home)	(214) 368-3992
Dallas, Texas 75356-0048	Mike Albert	(Home)	(214) 987-1230

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1601 Waste Management Blvd.			
Lewisville, Texas 75067-0719			
Residential Route Supervisor	Kevin Ponder	(Cell)	(214) 325-0441

Landfill Information

Waste Management of Texas, Inc.
DFW Sanitary Landfill
1600 A South Railroad Street
Lewisville, Texas 75067
(972) 219-1218

Landfill acreage	854
Capacity available	30,000,000 cubic tons or 21 years at current volumes
Currently processing	12,800 cubic yards per day
Landfill operating hours	Monday – Friday 24 hours per day, Saturday 6 a.m. to 3 p.m. Sunday Closed
Gate rate for loose debris	\$5.00 per cubic yard

APPENDIX 8 TO ANNEX K
COMMUNICATION RESOURCES
ADDISON TWO WAY RADIO INVENTORY

Department	Desktop	Vehicle	Handheld	Cell Phones
Streets	1	6	6	4
Utilities	2	10	2	4
Parks and Recreation	1	12	6	3
Building Inspection	0	0	0	3
Environmental Health	0	0	0	2

APPENDICES
FOR
ANNEX L

APPENDICES TO ANNEX L

Appendix 1.....Utilities Communication Network
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Appendix 2..... Addison Public Works Personnel and Resources
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Appendix 3.....Utilities ie...Dallas Water, Oncor, and Southwestern Bell
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Appendix 5..... Barricades and Rental Companies
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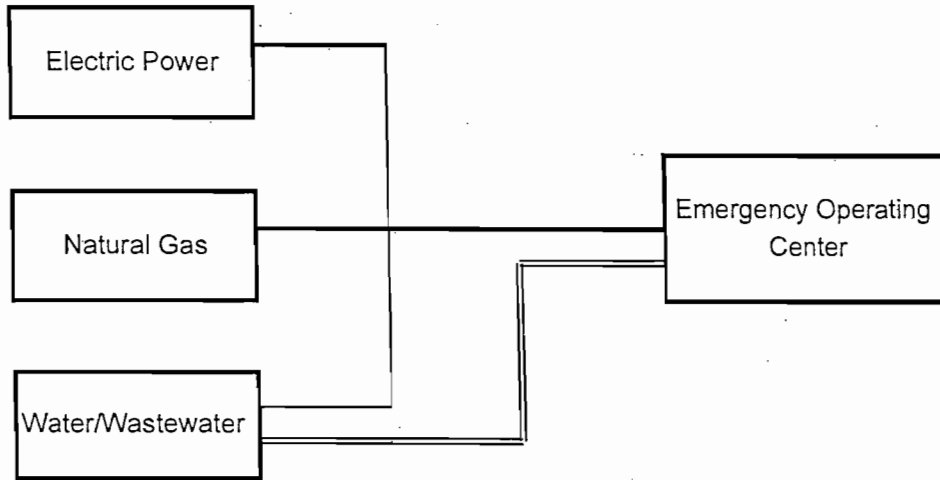
Appendix 7..... Communication Resources
..... Page 9

Appendix 8..... Water Emergencies
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Appendix 9..... Wastewater Emergencies
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Appendix 1 to Annex L

Utilities Communication Network



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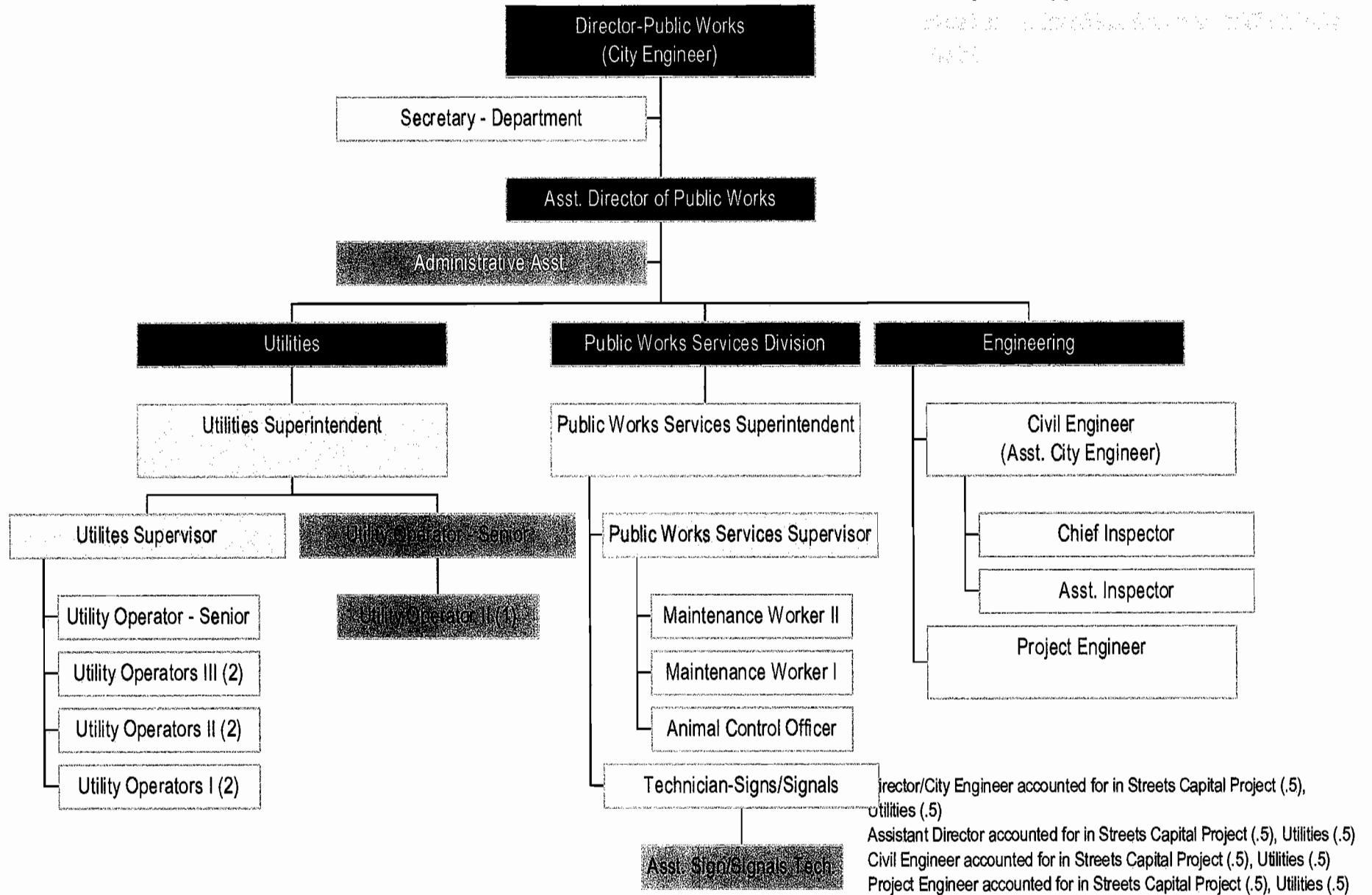
==== Radio

_____ Telephone

Public Works Department

New position, per Public Works Audit.

Accounted for in Streets Capital Project (.5), Utilities (.5)



APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Utilities Department		972/450-2871
Utility Superintendent	Jerry Davis	972/661-1693
Utility Supervisor	Ron Pelky	972/661-1634
Nine Work Persons		

EQUIPMENT

Dump Truck	2
Crane Truck	1
Vactor	1
Pickup Trucks	6
Compressor	1
Generators	2
Water Pumps	5
GMC Sewer Cleaning	1

PERSONNEL

Addison Street Division		972/450-2840
Superintendent	Robin Jones	972/450-2849
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Street Supervisor	Al Dent	972/450-2841
Four Work Persons		

EQUIPMENT

6 yard Dump Trucks	2
Backhoe/Loader	1
Chain Saws	5
Air Compressor	1
Generator	1
Asphalt Roller	1
Pickup Trucks	4
Barricades	100
Aerial Bucket Truck	1

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Parks Department		972/450-2851
Director	Slade Strickland	972/450-2869
Parks Superintendent	Ron Lee	972/450-2863
Eighteen work persons		

EQUIPMENT

Backhoe/Loader	1
Pickup Trucks	9
Aerial Bucket Truck	1
Chain Saws	3
Generators	1

APPENDIX 3 TO ANNEX L
Utilities & Emergency Service Phone Listing

Southwestern Bell

Line Locates	Dig Tess	1-800-344-8377
Emergency Repairs	Lines dug up or bored into, etc.	1-800-286-8313
Special Services	To report circuit down (need circuit no.)	214-268-1777

ONCOR Electric/Gas

Line Locates	Dig Tess	1-800-344-8377
Emergency Repairs	Power Outage, Line Repairs.	972-791-2888
Representative	Jean Hooker	972-888-1302

City Of Dallas

Dallas Water Utilities	Manager Phil Boyd (Day)	214-670-5888
Operation Controls	Dallas Water Operations (24 hour)	214-670-8064
Wholesale Services	Line Locate, Master Meters, Etc.	214-670-5886

I&C Sales

SCADA	David Smith, Joe Gibson (pgr.214-344-5719)	972-221-4849
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Mastec

Mike Lewis	Operations Manager (mobile 214-803-0805)	214-571-2520
Roger Cole	Chief Estimator (mobile 214-543-4936)	214-571-2517

Pump Stations

McCreary & Associates, Inc.	Joe Katrola Electrical Consultant	972-458-8745
Shermco Industries	Celestial Electrical/Pumping	214-358-4271
North TX. Pump	Art Johnson - Surveyor/Kellway	972-562-3880

Generator/Fuel Co.

Stewart & Stevenson	Generator Maint./Repairs	214-631-5370
Generator Fuel	Sheryl Hulsey	1-817-740-7404
Generator Fuel Services	Filgo Oil, Chris Bovard (24 hr. service)	214-638-2787
		Pager # 214-984-6805

APPENDIX 4 TO ANNEX L

DALLAS

City of Dallas
Water Utilities Director
Bob Johnson.....214-670-3144

After hours...214-670-8064

Wholesale Manager
Randy Stalnaker.....214-670-5887

FARMERS BRANCH

City of Farmers Branch...972-919-2597*
Director of Public Works
Mark Pavageau

Emergency...972-484-3620
* Police Dept. answers after hours

Water Superintendent
Roy Smallwood.....972-919-2613*

CARROLLTON

City of Carrollton
Director of Public Works
Stephen Jenkins.....972-466-3181

Emergency...972-466-3425

Water Superintendent
Byron Hardin.....972-466-3476

RICHARDSON

City of Richardson
Director of Public Services
Clay Gooch.....972-744-4224

Emergency...972-235-2238

Water Superintendent
Richard Austin.....972-744-4411

Emergency Coordinator
George Grant.....972-744-5756

**APPENDIX 5 TO ANNEX L
BARRICADES AND RENTAL COMPANIES**

Barricades

United Rental	817/595-8885
Dallas Lite & Barricade	214/748-5791
United/NES Shoring	214/357-4369
Lone Star Barricade	972/939-1414

Rental Equipment

DARR Equipment	Dallas	972/721-2000
	Plano	972/785-6565
United Rental		972/556-0005
Hertz Rental		214/352-4891
		214/657-2778 After-hours
Arentco		972/620-1005

APPENDIX 6 TO ANNEX L
KEY FACILITIES
Essential Operations & Their Locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75001

Law Enforcement Services

Addison Police Department	Dispatch office	972/450-7157
4799 Airport Parkway	Supervisors office	972/450-7159
Addison, Texas 75001		

Fire Services

Addison Fire Station #1	972/450-7201
4798 Airport Parkway	
Addison, Texas 75001	

Addison Fire Station #2	972/450-7230
3950 Beltway Drive	
Addison, Texas 75001	

Public Works

Addison Service Center	972/450-2871
16801 Westgrove Drive	
Addison, Texas 75001	

Utility Service

Celestial Pump Station (Water)	972/726-6909
5510 Celestial Road	
Addison, Texas 75001	

Surveyor Pump Station (Water)	972/991-9186
15130 Surveyor Blvd.	
Addison, Texas 75001	

Addison Water Tower (Water)	972/458-8620
4901 Addison Circle DR.	
Addison, Texas 75001	

APPENDIX 6 TO ANNEX L
KEY FACILITIES
Essential Operations & Their Locations

Utility Service (cont.)

Kellway Lift Station (Sewer) 972/930-9841
4245 Kellway Circle
Addison, Texas 75001

Spectrum Center, West Tower (Main Antenna)
5080 Spectrum Security Desk
Addison, Texas 75001 Chief Engineer 972/851-2625

APPENDIX 7 TO ANNEX L

COMMUNICATION RESOURCES

ADDISON TWO WAY RADIO INVENTORY

Department	Desktop	Vehicle	Handheld	Cell Phones
Streets	1	6	6	4
Utilities	2	10	2	4
Parks and Recreation	1	12	6	3
Building Inspection	0	0	0	3
Environmental Health	0	0	0	2

APPENDIX 8 TO ANNEX L

WATER EMERGENCIES

CURTAILMENT OF LOCAL USE OF WATER

In case of water shortage, local use can be curtailed by the series of steps listed below. During a water shortage, supplies of water should be denied to users in the following order:

Parks and playgrounds, swimming pools, and ornamental fountains, car washing or landscape sprinkling

Air conditioning using water

Commercial and industrial concerns engaged in non-essential or luxury-type activities or production

Single family residences

Multi-family residences, duplexes, etc.

Group housing, apartments, hotels, and motels

Fire protection

PRIORITY ON LOCAL USE OF WATER

In case of water shortage, the following users should have preference for water service or restoration of service. These facilities are not listed in order of priority, but each should be considered based upon community needs.

Hospitals and emergency hospitals, doctors' offices and clinics

Emergency shelters and community facilities for displaced persons

Water dispensing stations

Dairy processing plants

Food production, processing and storing

Refineries, petroleum and petroleum products

Control centers (EOC, police, fire, other utilities)

Communication originating stations

Transportation centers

Fire protection

Group housing, apartments, hotels and motels

APPENDIX 8 TO ANNEX L CONTINUED

MINIMUM WATER REQUIREMENTS PER PERSON/DAY:

(Minimum Range)

Hospital and other medical facilities	5-25 gallons/patient/day
Mass-care centers	
Lodging and emergency feeding	5-15 gallons/person/day
Lodging centers-drinking	2 gallons/person/day
Lodging center with flush-toilet facilities - drinking, feeding and sanitary uses	25 gallons/person/day
Mass-feeding stations - cooking and sanitation	3-10 gallons/person/day
Households	5-15 gallons/person/day
Drinking, cooking and sanitation	
With operative flush-toilet facilities	25 gallons/person/day

METHODS OF EMERGENCY WATER DISINFECTION

- A. For small amounts of water
 1. Boil two or three minutes.
 2. Add three drops of ordinary household two percent tincture of iodine to one quart clear water, wait one hour. Add six drops for cloudy water.
- B. For large or small amounts of water
 1. Add sodium hypochlorite (NaHOCl) in amounts shown below. Ordinarily liquid household laundry bleach contains this compound, usually at 5.25% strength. Add correct dose, mix thoroughly, and wait a thirty minutes. Treated water should have distinct chloride odor. If no chloride odor, add more bleach, mix and let stand for fifteen minutes.

DOSE OF 5.25% SOLUTION

QUANTITY OF WATER	CLEAR	CLOUDY
1 quart	2-3 drops	5 drops
1 gallon	10 drops	20 drops
5 gallon	1/2 teaspoon	1 teaspoon
1500 gallon	1 quart	2 quart

2. Add water purification tablets (chlorine or iodine release) according to label. Available at drugstores.

APPENDIX 8 TO ANNEX L CONTINUED

3. Other common chemicals which can be used for emergency disinfection are shown in attached table.

C. For dishwashing purposes

1. Chlorinate: add at least 50ppm of available chlorine at temperature not less than 75 degrees F. (50ppm = 50mg chlorine/liter water)
2. Iodine: at least 12.5ppm of available iodine in a solution not having a ph above 5.0 temperature of not less than 70 degrees F. (12.5ppm = 12.5mg chlorine/liter of water)

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
BK Powder (CL2)	50	1 t	2 gal	1 t	37 gal	Janitorial, hotel, restaurant, dairy and chemical supplies
Betadine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Household Ln. Bleach (CL2)	5.25	1 T	1 gal	1 T	20 gal	Grocery store
Iodine Tabs; Globaline Potable Aqua. etc.	-	-	-	2 tabs	1 qt	Drugstore, sporting good stores
HTH (CL2)	70	1 tab	4 gal	1 tab	85 gal	Janitorial, hotel, restaurant, dairy, & chemical supplies
Iobac (I2)	0.96	1 T	7 cups	1 T	4 gal	Janitorial, hotel, restaurant, dairy, chemical supplies
Iodine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Lugol's Soln. (I2)	5	1 t	5 cups	1 T	20 gal	Drugstore
Triclairs (CL2) 06/15/92	24	1 t	5 qt	1 t	29 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Triclairs (I2)	2	1 T	6 cups	1 T	3 gal	Drugstore

t = teaspoon

T = tablespoon

qt = quart

gal = gallon

APPENDIX 8 TO ANNEX L CONTINUED

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
Wescodyne (I2)	1.6	1 T	5 cups	1 T	6 1/2 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Zonite (CL2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore

APPENDIX 8 TO ANNEX L

POSSIBLE EMERGENCY WATER STORES

Town of Addison Athletic Club.....484-2296
Indoor Swimming Pool at 3900 Beltway Drive

Loos Athletic Facility.....888-3194
Indoor Swimming Pool at 3815 Spring Valley

APPENDIX 9 TO ANNEX L

WASTEWATER EMERGENCIES

If the local sewage system becomes overloaded or if there are not enough toilet facilities to accommodate relocated people in their lodging areas, (Wastewater Manager) will need to improvise waste disposal latrines and other sanitation devices.

General considerations for improvised toilet facilities and waste disposal:

- select a site at least 100 yards from any food preparation area and 150 feet from the nearest water source.
- site should be accessible to users but away from lodging or residential areas.
- provide separate latrines for men and women and place canvas or other type of screen or tent around them.
- there should be enough latrine seats to accommodate from 8-12% of people at one time.
- prevent surface water from flowing into latrines by digging drainage ditches.
- control flies by spraying area with insecticides; spray latrine pit twice weekly; keep latrine area clean.
- install hand washing device and disinfecting solution near latrine area; keep supply of toilet paper in rainproof containers.
- when latrine pit becomes filled with waste to within one foot from the surface, close the latrine;
 - cover contents with minimum of two feet of earth and pack down firmly
 - spray the area with oil or insecticide
 - mound pit over with at least one foot of dirt and spray again
 - mark site "CLOSED LATRINE"

EMERGENCY MANAGEMENT JOB DISCRIPTION

Utilities Superintendent

Assignment: Service Center

Reports to: Director of Public Works / City Engineer / Assistant Director of Public Works

Supervises: Utilities Personnel

Responsibilities:

Preparation:

- Prepare and maintain all equipment and SOP's necessary for the restoration of the city's water and wastewater systems
- Prepare for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's necessary for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's for the maintenance and operation of the city owned water system
- Ensure emergency power and water capabilities for all vital city facilities

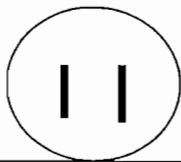
Response:

- Removal of debris
- Assess and report extent of damage to city utilities
- Coordinate the activities of private utility companies during disaster operations
- Assessment of damages of streets, bridges, traffic control devices, waste facilities and sanitation systems and public works facilities

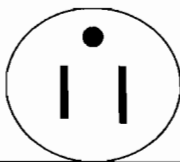
Recovery:

- Assure restoration of all water, sanitation and wastewater facilities
- Maintain an accurate record of all damages, repairs and expenses for financial recovery
- Record any difficulties occurring during the response phase and plan for mitigation measures to alleviate future problems

EMERGENCY GENERATOR INFORMATION (Existing Installation)	
1	Facility Name: <i>Celestial Road Pump Station</i>
2	Facility Address: <i>5510 Celestial Rd. , Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input checked="" type="checkbox"/> Water Pumping /Treatment <input type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Distribution</i>
4	Facility Point of Contact: <i>Jerry Davis (8-5pm)</i> Phone: <i>972 661-1693</i>
5	If more than one generator exists, provide generator number or location within facility:
6	Electrical Requirements; Kilowatts: <i>600</i> Volts: <i>4160</i> Amperes: <i>75</i> Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
7	Fuel: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
8	Fuel Tank Size: Gallons: <i>800</i> Pounds:
9	Fuel Tank Type: <input checked="" type="checkbox"/> Attached to generator <input type="checkbox"/> Separate tank
10	Generator Weight: <input type="checkbox"/> Pounds: <input type="checkbox"/> Tons:
11	Starting: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual/Recoil <input type="checkbox"/> Other:
12	Generator Support: <input checked="" type="checkbox"/> Pad/Permanent Installation <input type="checkbox"/> Skid <input type="checkbox"/> Trailer
13	Generator in Weather Housing: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
15	Is Generator Hard Wired to Electrical System? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16	Generator Receptacles Required (indicate numbers and types; see illustrations below): <i>N/A</i>
17	Other Pertinent Information:



15A-125V
NEMA 1-15R



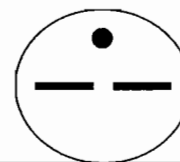
15A-125V
NEMA 5-15R



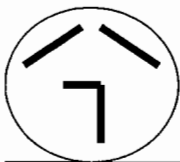
20A-125V
NEMA 5-20R



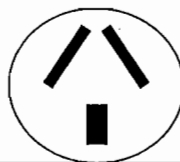
30A-125V
NEMA 5-30R



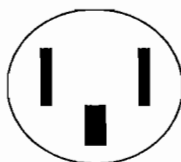
30A-250V
NEMA 6-30R



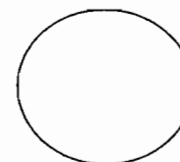
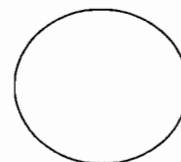
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R

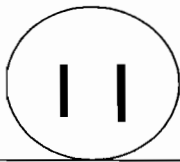


50A-250V
NEMA 6-50R

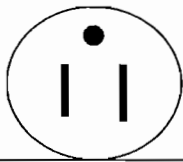


If illustrations don't match what you have, draw your receptacles here.

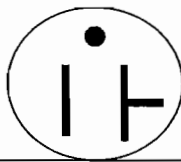
EMERGENCY GENERATOR INFORMATION (Existing Installation)	
1	Facility Name: <i>Kellway lift Station</i>
2	Facility Address: <i>4245 Kellway Circle, Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input type="checkbox"/> Water Pumping /Treatment <input checked="" type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>collection</i>
4	Facility Point of Contact: _____ Phone: <i>972 930 9841</i>
5	If more than one generator exists, provide generator number or location within facility:
6	Electrical Requirements; Kilowatts: <i>200</i> Volts: <i>480</i> Amperes: <i>301</i> Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
7	Fuel: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
8	Fuel Tank Size: Gallons: _____ Pounds: _____
9	Fuel Tank Type: <input checked="" type="checkbox"/> Attached to generator <input type="checkbox"/> Separate tank
10	Generator Weight: <input type="checkbox"/> Pounds: _____ <input type="checkbox"/> Tons: _____
11	Starting: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual/Recoil <input type="checkbox"/> Other:
12	Generator Support: <input checked="" type="checkbox"/> Pad/Permanent Installation <input type="checkbox"/> Skid <input type="checkbox"/> Trailer
13	Generator in Weather Housing: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
15	Is Generator Hard Wired to Electrical System? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16	Generator Receptacles Required (indicate numbers and types; see illustrations below): <i>N/A</i>
17	Other Pertinent Information:



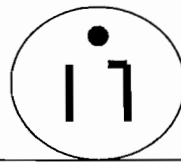
15A-125V
NEMA 1-15R



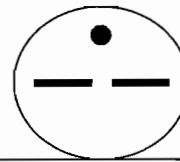
15A-125V
NEMA 5-15R



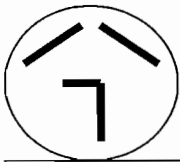
20A-125V
NEMA 5-20R



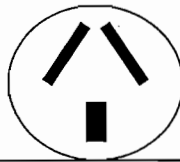
30A-125V
NEMA 5-30R



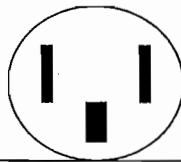
30A-250V
NEMA 6-30R



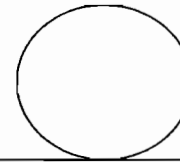
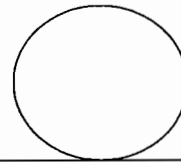
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R

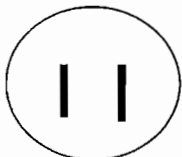


50A-250V
NEMA 6-50R

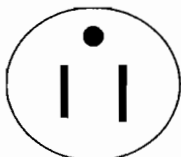


If illustrations don't match what you have, draw your receptacles here.

EMERGENCY GENERATOR INFORMATION (Additional Equipment)	
1	Facility Name: <i>Surveyor Pump Station</i>
2	Facility Address: <i>15130 Surveyor Blvd. Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input checked="" type="checkbox"/> Water Pumping/Treatment <input type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Distribution</i>
4	Facility Point of Contact: _____ Phone: <i>972 991-9186</i>
5	Electrical Requirements: Kilowatts: _____ Volts: _____ Amperes: _____ Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
6	Fuel Available: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
7	Site Access: Site accessible for emplacing trailer-mounted unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Site accessible for unloading/positioning skid-mounted unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
16	Generator Receptacles Needed (indicate numbers and types; see illustrations below): <i>Not available for connection at this time</i>
17	Other Pertinent Information:



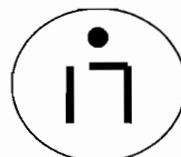
15A-125V
NEMA 1-15R



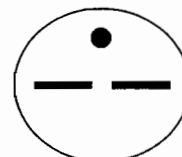
15A-125V
NEMA 5-15R



20A-125V
NEMA 5-20R



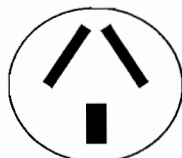
30A-125V
NEMA 5-30R



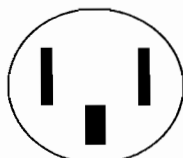
30A-250V
NEMA 6-30R



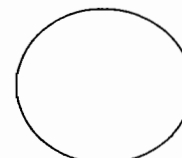
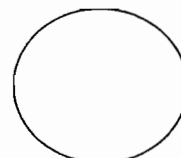
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R



50A-250V
NEMA 6-50R



If graphics don't match what you need, draw what you need here.

EMERGENCY GENERATOR FORMS

1. The emergency generator forms which follow are provided to facilitate pre-planning for emergency generator requirements, either to obtain a generator which does not have one or replace an existing generator which has failed.

The Emergency Generator Information – Existing Installation form should be used to record information on existing emergency generators in case they must be replaced.

The Emergency Generator Information – Additional Equipment form should be used to identify requirements for additional emergency generators for critical facilities that do not currently have such generators.

2. Forms should be completed by the owner or operator of the facility that has or may need a generator and provided to the local EMC. A separate form should be completed for each existing generator or additional generator that is required. The local Utility Coordinator will maintain completed forms for use during emergencies. It is suggested that individuals completing these forms retain a copy for their own records.
3. In completing these forms, keep the following in mind:
 - A. If in doubt about what type of capability is needed, consult a qualified electrician.
 - B. Generators are often quite heavy and should be emplaced on a firm, level site, and preferably a paved area.
 - C. A forklift is normally used to emplace a skid-mounted generator. The forklift operator must have adequate room to maneuver.
 - D. In considering emergency generator siting, remember that generators are often noisy and produce exhaust fumes that may be sucked into nearby ventilation intakes. Vehicle access will be needed to refuel.

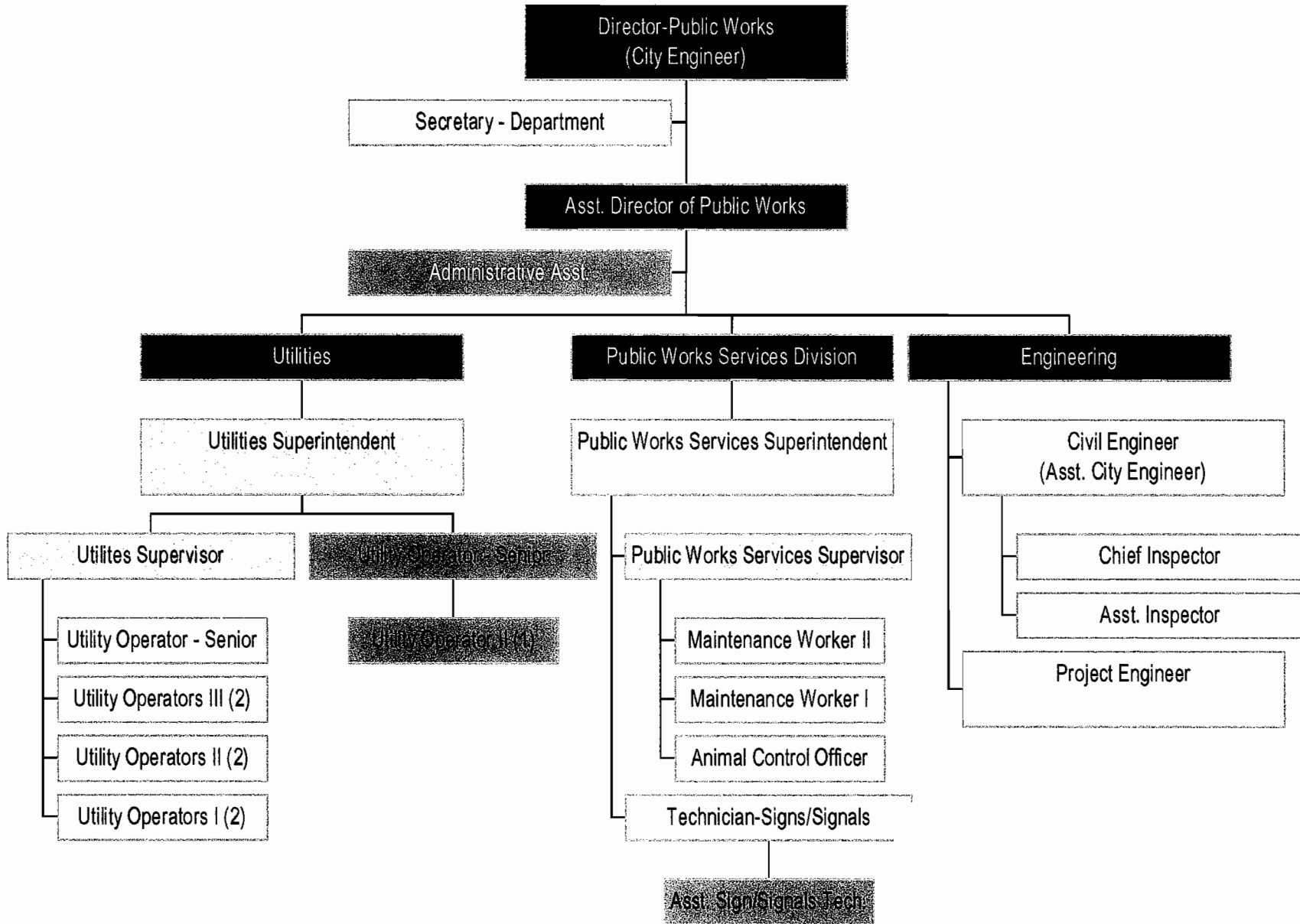
scheduled to come out
to surveyor next week.
Feb. 24 - 28?

APPENDICES

FOR

ANNEX K

Public Works Department



**APPENDIX 1 TO ANNEX K
PERSONNEL**

Addison Street Division		972/450-2840
Superintendent	Robin Jones	972/450-2849
Public Works Inspector	Dave Wilde	972/450-2847
Street Supervisor	Al Dent	972/450-2841
Four work persons		

EQUIPMENT

6 yard Dump Trucks	2
Backhoe/Loader	1
Chain Saws	5
Air Compressor	1
Generator	1
Asphalt Roller	1
Pickup Trucks	4
Barricades	100
Aerial Bucket Truck	1

PERSONNEL

Addison Utilities Department		972/450-2871
Utility Superintendent	Jerry Davis	972/661-1693
Utility Supervisor	Ron Pelky	972/661-1634

EQUIPMENT

Dump Truck	2
Crane Truck	1
Vactor	1
Pickup Trucks	6
Compressor	1
Generators	2
Water Pumps	5
GMC Sewer Cleaning	1

APPENDIX 1 TO ANNEX K

PERSONNEL

Addison Parks Department		972/450-2851
Director	Slade Strickland	972/450-2869
Parks Superintendent	Ron Lee	972/450-2863
Eighteen work persons		

EQUIPMENT

Backhoe/Loader	1
Pickup Trucks	9
Aerial Bucket Truck	1
Chain Saws	3
Generators	1

APPENDIX 2 TO ANNEX K

ONCOR

1-888-313-4747

SOUTHWESTERN BELL

Dalene Buhl Director External affairs

Office 972/454-6633

Cell 214/534-5753

TRAFFIC SIGNAL

Consolidated Traffic Controls

Traffic Signal hardware, electronics, heads, controllers, etc.

Office 817/265-3421

Jerry Preister Home 817/447-3785

Terry Hammick Cell 817/307-7043

Les Trammel (Tech.) Cell 817/307-7046

Durable Specialties

Traffic signal poles, foundations, heads, mast arms

(Trucks, cranes, man lifts, equipment and labor.)

Office 972/296-6324

Jeff Bryan Home 817/468-9991

Cell 214/808-1056

Cell 972/880-5457

Scott Word 817/401-3078

Zeferina Luna Home 214/992-7018

Cell 972/880-5461

Paradigm Traffic Systems

Econolite, Electronics, Controllers, (Tech Support)

Office 1-800/589-6205

Office 1-817/957-0878

Mike Fiske Cell 817/247-6340

Keith Higgins Cell 817/247-6023

Sharrock Electric

(Trucks, cranes, man lifts, equipment, controllers, etc)

Office	Metro	817/429-8502
24 Hr. Emergency	Metro	817/429-8502 (Bob White)

Groves Electric

Electrical wiring & service

Office		
Emergency		972/484-2717
(Bill Groves)		

Mel's Electric

Electrical wiring & service

Office		214/565-1074
Johnny Hines	Pager	214/967-4106
	Cell	214/202-5694

City of Carrollton

Signal Department		972/446-3606
Lupe Alvarado	Office	972/466-9872
Mike Brighton	Office	972/466-9873
	Cell	214/533-0420

Railroad Crossing - DART Line - DGNO Operator

DGNO Dispatching Center		1-800/242-7906
Local Signal Maintainer	Cliff Martin	817/296-5003
Track Maintenance	David Martinez	Cell 214/356-6419
		Office 972/808-9800 Ext. 213
Area General Manager	Lou Szabo	214/728-6994
ROW Maintenance	Edna	817/822-4980

**APPENDIX 3 TO ANNEX K
DALLAS COUNTY DISTRICT #1**

PERSONNEL

Dallas County District #1 972/247-1735

Tommy Norris	Cell 214/850-7869	Home 972/279-4280
Larry Morrisieft	Cell 214/850-5034	Home 972/642-5254
Mike Sharp	Cell 214/850-4753	Home 903/564-7939

Twenty-five work persons

EQUIPMENT

Rubber Tire Loaders	2
Track Loaders	2
Dozer	1
Road Grader	1
Dump Trucks	13
Sandspreaders	3
Street Sweepers	1

APPENDIX 4 TO ANNEX K

CITY OF DALLAS

EMERGENCY PREPAREDNESS

Director Jim Woods 214/670-4491

**CITY OF DALLAS STREET DEPARTMENT
NORTH DALLAS DISTRICT**

Street Department Dispatch 214/670-4398
Emergency 311

Street Division Manager Darryl Fourte 214/670-3795
Street Manager Johnny Bannister 214/670-6000
Street Supervisor Russell Jones 214/671-0338

CITY OF CARROLLTON

Director over Maintenance Stephen Jenkins 972/466-3470
Emergency 972/466-3425
Street Superintendent Danny Stevens 972/466-3480

CITY OF FARMERS BRANCH

Director of Public Works Mark Pavageau 972/919-2597
Emergency 972/247-3131
Street Superintendent Shannon Chowning 972/919-2615

CITY OF RICHARDSON

Public Works Department Dispatch 972/744-4111
Emergency 972/238-3800
Director of Public Works Clay Gooch 972/744-4224
Street Superintendent Charles Vessel 972/744-4442
Street Supervisor Ron Tower 972/744-4443
Street Supervisor Al Wittenback 972/744-4441

**APPENDIX 5 TO ANNEX K
BARRICADES AND RENTAL COMPANIES**

Barricades

United Rental	817/595-8885
Dallas Lite & Barricade	214/748-5791
United/NES Shoring	214/357-4369
Lone Star Barricade	972/939-1414

Rental Equipment

DARR Equipment	Dallas	972/721-2000
	Plano	972/785-6565
United Rental		972/556-0005
Hertz Rental		214/352-4891
		214/657-2778 After-hours
Arentco		972/620-1005

APPENDIX 6 TO ANNEX K

STREET SWEEPING AND GARBAGE COLLECTION

Street Sweeping

Mr. Sweeper	Main number	(214) 688-4444
4710-C Don Drive	John Green	(Mobil) (214) 207-3005
P.O. Box 560048	David Franklin	(Home) (214) 368-3992
Dallas, Texas 75356-0048	Mike Albert	(Home) (214) 987-1230

Garbage Collection

Texas Waste Management	Main number	(972) 436-3512
P.O. Box 719		(972) 315-5400
1601 Waste Management Blvd.		
Lewisville, Texas 75067-0719		
Residential Route Supervisor	Kevin Ponder	(Cell) (214) 325-0441

Landfill Information

Waste Management of Texas, Inc.
DFW Sanitary Landfill
1600 A South Railroad Street
Lewisville, Texas 75067
(972) 219-1218

Landfill acreage	854
Capacity available	30,000,000 cubic tons or 21 years at current volumes
Currently processing	12,800 cubic yards per day
Landfill operating hours	Monday – Friday 24 hours per day, Saturday 6 a.m. to 3 p.m. Sunday Closed
Gate rate for loose debris	\$5.00 per cubic yard

APPENDIX 8 TO ANNEX K

COMMUNICATION RESOURCES

ADDISON TWO WAY RADIO INVENTORY

Department	Desktop	Vehicle	Handheld	Cell Phones
Streets	1	6	6	4
Utilities	2	10	2	4
Parks and Recreation	1	12	6	3
Building Inspection	0	0	0	3
Environmental Health	0	0	0	2

APPENDICES

FOR

ANNEX K

**APPENDIX 1 TO ANNEX K
PERSONNEL**

Addison Street Division		972/450-2840
Superintendent	Robin Jones	972/450-2849
Public Works Inspector	Dave Wilde	972/450-2847
Street Supervisor	Al Dent	972/450-2841
Four work persons		

EQUIPMENT

6 yard Dump Trucks	2
Backhoe/Loader	1
Chain Saws	5
Air Compressor	1
Generator	1
Asphalt Roller	1
Pickup Trucks	4
Barricades	100
Aerial Bucket Truck	1

PERSONNEL

Addison Utilities Department		972/450-2871
Utility Superintendent	Jerry Davis	972/661-1693
Utility Supervisor	Ron Pelky	972/661-1634

EQUIPMENT

Dump Truck	2
Crane Truck	1
Vactor	1
Pickup Trucks	6
Compressor	1
Generators	2
Water Pumps	5
GMC Sewer Cleaning	1

APPENDIX 1 TO ANNEX K

PERSONNEL

Addison Parks Department		972/450-2851
Director	Slade Strickland	972/450-2869
Parks Superintendent	Ron Lee	972/450-2863
Eighteen work persons		

EQUIPMENT

Backhoe/Loader	1
Pickup Trucks	9
Aerial Bucket Truck	1
Chain Saws	3
Generators	1

APPENDIX 2 TO ANNEX K

ONCOR

1-888-313-4747

SOUTHWESTERN BELL

Dalene Buhl Director External affairs

Office 972/454-6633

Cell 214/534-5753

TRAFFIC SIGNAL

Consolidated Traffic Controls

Traffic Signal hardware, electronics, heads, controllers, etc.

Office 817/265-3421

Jerry Preister Home 817/447-3785

Terry Hammick Cell 817/307-7043

Les Trammel (Tech.) Cell 817/307-7046

Durable Specialties

Traffic signal poles, foundations, heads, mast arms

(Trucks, cranes, man lifts, equipment and labor.)

Office 972/296-6324

Jeff Bryan Home 817/468-9991

Cell 214/808-1056

Cell 972/880-5457

Scott Word 817/401-3078

Zeferina Luna Home 214/992-7018

Cell 972/880-5461

Paradigm Traffic Systems

Econolite, Electronics, Controllers, (Tech Support)

Office 1-800/589-6205

Office 1-817/957-0878

Mike Fiske Cell 817/247-6340

Keith Higgins Cell 817/247-6023

Sharrock Electric

(Trucks, cranes, man lifts, equipment, controllers, etc)

Office	Metro	817/429-8502
24 Hr. Emergency	Metro	817/429-8502 (Bob White)

Groves Electric

Electrical wiring & service

Office		
Emergency		972/484-2717
(Bill Groves)		

Mel's Electric

Electrical wiring & service

Office		214/565-1074
Johnny Hines	Pager	214/967-4106
	Cell	214/202-5694

City of Carrollton

Signal Department		972/446-3606
Lupe Alvarado	Office	972/466-9872
Mike Brighton	Office	972/466-9873
	Cell	214/533-0420

Railroad Crossing - DART Line - DGNO Operator

DGNO Dispatching Center		1-800/242-7906
Local Signal Maintainer	Cliff Martin	817/296-5003
Track Maintenance	David Martinez	Cell 214/356-6419
		Office 972/808-9800 Ext. 213
Area General Manager	Lou Szabo	214/728-6994
ROW Maintenance	Edna	817/822-4980

**APPENDIX 3 TO ANNEX K
DALLAS COUNTY DISTRICT #1**

PERSONNEL

Dallas County District #1 972/247-1735

Tommy Norris	Cell 214/850-7869	Home 972/279-4280
Larry Morrisieft	Cell 214/850-5034	Home 972/642-5254
Mike Sharp	Cell 214/850-4753	Home 903/564-7939

Twenty-five work persons

EQUIPMENT

Rubber Tire Loaders	2
Track Loaders	2
Dozer	1
Road Grader	1
Dump Trucks	13
Sandspreaders	3
Street Sweepers	1

APPENDIX 4 TO ANNEX K

CITY OF DALLAS

EMERGENCY PREPAREDNESS

Director Jim Woods 214/670-4491

**CITY OF DALLAS STREET DEPARTMENT
NORTH DALLAS DISTRICT**

Street Department Dispatch 214/670-4398
Emergency 311

Street Division Manager Darryl Fourte 214/670-3795
Street Manager Johnny Bannister 214/670-6000
Street Supervisor Russell Jones 214/671-0338

CITY OF CARROLLTON

Director over Maintenance Stephen Jenkins 972/466-3470
Emergency 972/466-3425
Street Superintendent Danny Stevens 972/466-3480

CITY OF FARMERS BRANCH

Director of Public Works Mark Pavageau 972/919-2597
Emergency 972/247-3131
Street Superintendent Shannon Chowning 972/919-2615

CITY OF RICHARDSON

Public Works Department Dispatch 972/744-4111
Emergency 972/238-3800
Director of Public Works Clay Gooch 972/744-4224
Street Superintendent Charles Vessel 972/744-4442
Street Supervisor Ron Tower 972/744-4443
Street Supervisor Al Wittenback 972/744-4441

**APPENDIX 5 TO ANNEX K
BARRICADES AND RENTAL COMPANIES**

Barricades

United Rental	817/595-8885
Dallas Lite & Barricade	214/748-5791
United/NES Shoring	214/357-4369
Lone Star Barricade	972/939-1414

Rental Equipment

DARR Equipment	Dallas	972/721-2000
	Plano	972/785-6565
United Rental		972/556-0005
Hertz Rental		214/352-4891
		214/657-2778 After-hours
Arentco		972/620-1005

APPENDIX 6 TO ANNEX K

STREET SWEEPING AND GARBAGE COLLECTION

Street Sweeping

Mr. Sweeper	Main number		(214) 688-4444
4710-C Don Drive	John Green	(Mobil)	(214) 207-3005
P.O. Box 560048	David Franklin	(Home)	(214) 368-3992
Dallas, Texas 75356-0048	Mike Albert	(Home)	(214) 987-1230

Garbage Collection

Texas Waste Management	Main number		(972) 436-3512
P.O. Box 719			(972) 315-5400
1601 Waste Management Blvd.			
Lewisville, Texas 75067-0719			

Residential Route Supervisor	Kevin Ponder	(Cell)	(214) 325-0441
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Landfill Information

Waste Management of Texas, Inc.
DFW Sanitary Landfill
1600 A South Railroad Street
Lewisville, Texas 75067
(972) 219-1218

Landfill acreage	854
Capacity available	30,000,000 cubic tons or 21 years at current volumes
Currently processing	12,800 cubic yards per day
Landfill operating hours	Monday – Friday 24 hours per day, Saturday 6 a.m. to 3 p.m. Sunday Closed
Gate rate for loose debris	\$5.00 per cubic yard

APPENDIX 8 TO ANNEX K

COMMUNICATION RESOURCES

ADDISON TWO WAY RADIO INVENTORY

Department	Desktop	Vehicle	Handheld	Cell Phones
Streets	1	6	6	4
Utilities	2	10	2	4
Parks and Recreation	1	12	6	3
Building Inspection	0	0	0	3
Environmental Health	0	0	0	2

APPENDICES

FOR

ANNEX L

APPENDICES TO ANNEX L

Appendix 1.....Utilities Communication Network
..... Page 1

Appendix 2..... Addison Public Works Personnel and Resources
..... Page 2, 3

Appendix 3.....Utilities ie...Dallas Water, Oncor, and Southwestern Bell
..... Page 4

Appendix 4..... Neighboring Cities Resource Inventory
..... Page 5

Appendix 5..... Barricades and Rental Companies
..... Page 6

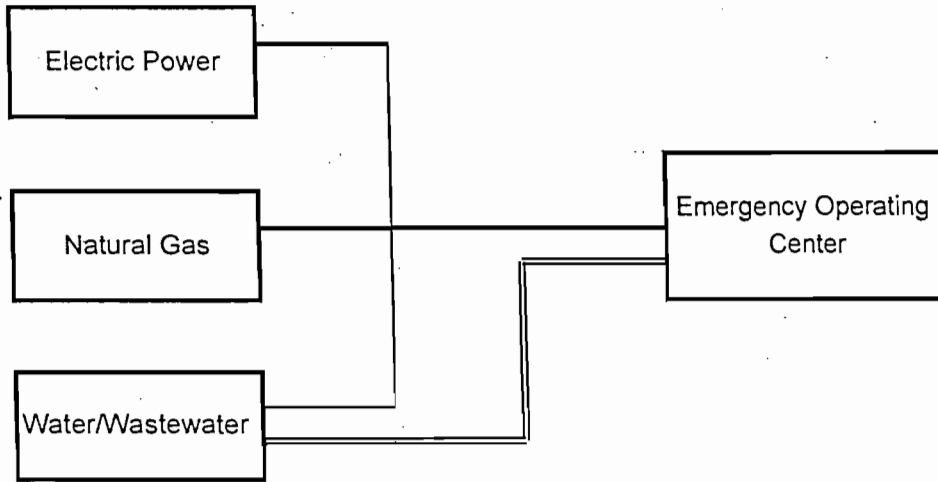
Appendix 6..... Key Facilities
..... Page 7, 8

Appendix 7..... Communication Resources
..... Page 9

Appendix 8..... Water Emergencies
..... Page 10, 11, 12, 13, 14

Appendix 9..... Wastewater Emergencies
..... Page 15

Utilities Communication Network



LEGEND:

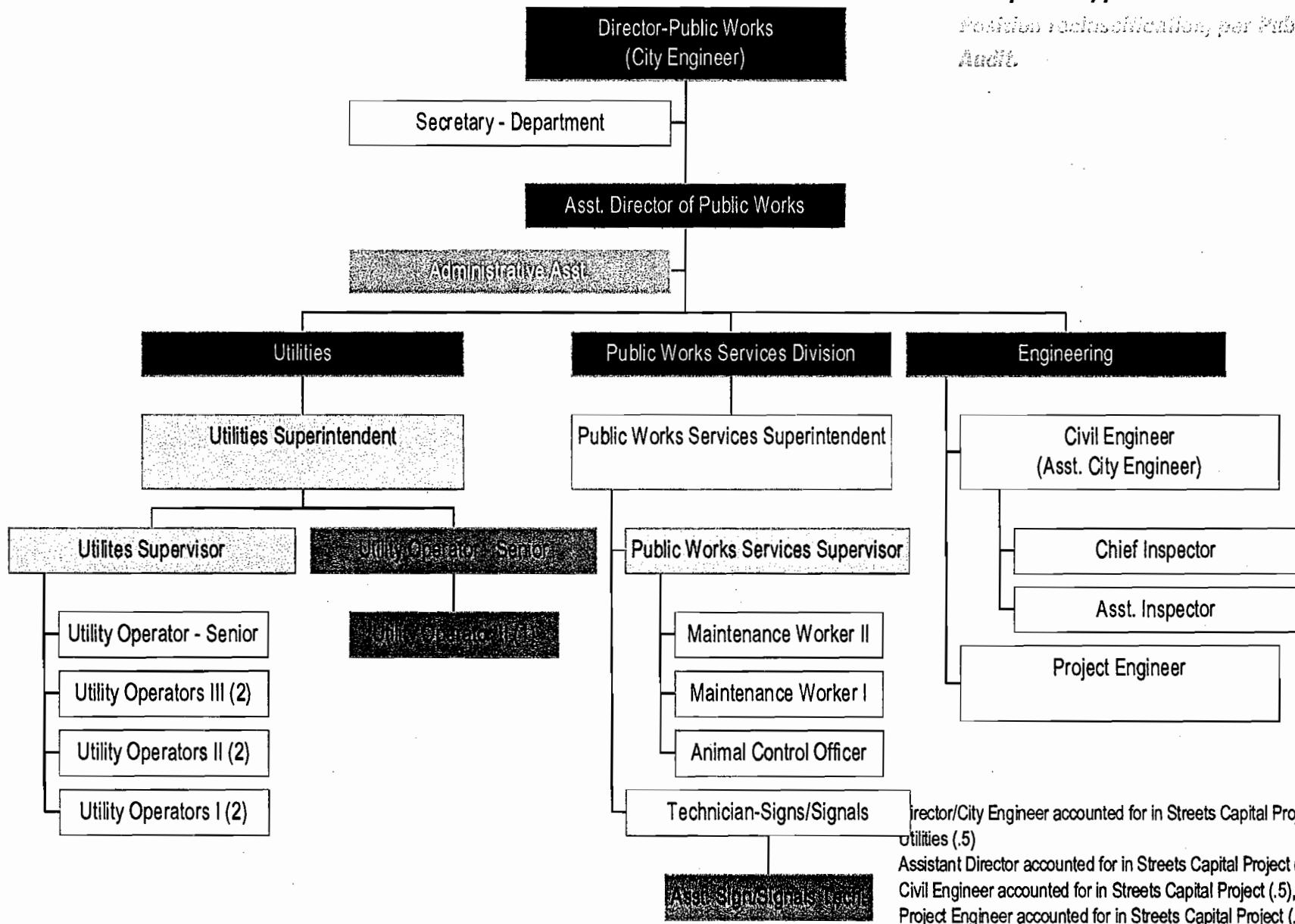
==== Radio

_____ Telephone

Public Works Department

New position, per Public Works Audit.

Position reclassification, per Public Works Audit.



Director/City Engineer accounted for in Streets Capital Project (.5), Utilities (.5)
 Assistant Director accounted for in Streets Capital Project (.5), Utilities (.5)
 Civil Engineer accounted for in Streets Capital Project (.5), Utilities (.5)
 Project Engineer accounted for in Streets Capital Project (.5), Utilities (.5)

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Utilities Department		972/450-2871
Utility Superintendent	Jerry Davis	972/661-1693
Utility Supervisor	Ron Pelky	972/661-1634
Nine Work Persons		

EQUIPMENT

Dump Truck	2
Crane Truck	1
Vactor	1
Pickup Trucks	6
Compressor	1
Generators	2
Water Pumps	5
GMC Sewer Cleaning	1

PERSONNEL

Addison Street Division		972/450-2840
Superintendent	Robin Jones	972/450-2849
Public Works Inspector	Dave Wilde	972/450-2847
Street Supervisor	Al Dent	972/450-2841
Four Work Persons		

EQUIPMENT

6 yard Dump Trucks	2
Backhoe/Loader	1
Chain Saws	5
Air Compressor	1
Generator	1
Asphalt Roller	1
Pickup Trucks	4
Barricades	100
Aerial Bucket Truck	1

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Parks Department		972/450-2851
Director	Slade Strickland	972/450-2869
Parks Superintendent	Ron Lee	972/450-2863
Eighteen work persons		

EQUIPMENT

Backhoe/Loader	1
Pickup Trucks	9
Aerial Bucket Truck	1
Chain Saws	3
Generators	1

APPENDIX 3 TO ANNEX L
Utilities & Emergency Service Phone Listing

Southwestern Bell

Line Locates	Dig Tess	1-800-344-8377
Emergency Repairs	Lines dug up or bored into, etc.	1-800-286-8313
Special Services	To report circuit down (need circuit no.)	214-268-1777

ONCOR Electric/Gas

Line Locates	Dig Tess	1-800-344-8377
Emergency Repairs	Power Outage, Line Repairs.	972-791-2888
Representative	Jean Hooker	972-888-1302

City Of Dallas

Dallas Water Utilities	Manager Phil Boyd (Day)	214-670-5888
Operation Controls	Dallas Water Operations (24 hour)	214-670-8064
Wholesale Services	Line Locate, Master Meters, Etc.	214-670-5886

I&C Sales

SCADA	David Smith, Joe Gibson (pgr.214-344-5719)	972-221-4849
-------	--	--------------

Mastec

Mike Lewis	Operations Manager (mobile 214-803-0805)	214-571-2520
Roger Cole	Chief Estimator (mobile 214-543-4936)	214-571-2517

Pump Stations

McCreary & Associates, Inc.	Joe Katrola Electrical Consultant	972-458-8745
Shermco Industries	Celestial Electrical/Pumping	214-358-4271
North TX. Pump	Art Johnson - Surveyor/Kellway	972-562-3880

Generator/Fuel Co.

Stewart & Stevenson	Generator Maint./Repairs	214-631-5370
Generator Fuel	Sheryl Hulsey	1-817-740-7404
Generator Fuel Services	Filgo Oil, Chris Bovard (24 hr. service)	214-638-2787 Pager # 214-984-6805

APPENDIX 4 TO ANNEX L

DALLAS

City of Dallas
Water Utilities Director
Bob Johnson.....214-670-3144

After hours...214-670-8064

Wholesale Manager
Randy Stalnaker.....214-670-5887

FARMERS BRANCH

City of Farmers Branch...972-919-2597*
Director of Public Works
Mark Pavageau

Emergency...972-484-3620
* Police Dept. answers after hours

Water Superintendent
Roy Smallwood.....972-919-2613*

CARROLLTON

City of Carrollton
Director of Public Works
Stephen Jenkins.....972-466-3181

Emergency...972-466-3425

Water Superintendent
Byron Hardin.....972-466-3476

RICHARDSON

City of Richardson
Director of Public Services
Clay Gooch.....972-744-4224

Emergency...972-235-2238

Water Superintendent
Richard Austin.....972-744-4411

Emergency Coordinator
George Grant.....972-744-5756

**APPENDIX 5 TO ANNEX L
BARRICADES AND RENTAL COMPANIES**

Barricades

United Rental	817/595-8885
Dallas Lite & Barricade	214/748-5791
United/NES Shoring	214/357-4369
Lone Star Barricade	972/939-1414

Rental Equipment

DARR Equipment	Dallas	972/721-2000
	Plano	972/785-6565
United Rental		972/556-0005
Hertz Rental		214/352-4891
		214/657-2778 After-hours
Arentco		972/620-1005

APPENDIX 6 TO ANNEX L
KEY FACILITIES
Essential Operations & Their Locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75001

Law Enforcement Services

Addison Police Department	Dispatch office	972/450-7157
4799 Airport Parkway	Supervisors office	972/450-7159
Addison, Texas 75001		

Fire Services

Addison Fire Station #1	972/450-7201
4798 Airport Parkway	
Addison, Texas 75001	

Addison Fire Station #2	972/450-7230
3950 Beltway Drive	
Addison, Texas 75001	

Public Works

Addison Service Center	972/450-2871
16801 Westgrove Drive	
Addison, Texas 75001	

Utility Service

Celestial Pump Station (Water)	972/726-6909
5510 Celestial Road	
Addison, Texas 75001	

Surveyor Pump Station (Water)	972/991-9186
15130 Surveyor Blvd.	
Addison, Texas 75001	

Addison Water Tower (Water)	972/458-8620
4901 Addison Circle DR.	
Addison, Texas 75001	

APPENDIX 6 TO ANNEX L
KEY FACILITIES
Essential Operations & Their Locations

Utility Service (cont.)

Kellway Lift Station (Sewer) 972/930-9841
4245 Kellway Circle
Addison, Texas 75001

Spectrum Center, West Tower (Main Antenna)
5080 Spectrum Security Desk
Addison, Texas 75001 Chief Engineer 972/851-2625

APPENDIX 7 TO ANNEX L

COMMUNICATION RESOURCES

ADDISON TWO WAY RADIO INVENTORY

Department	Desktop	Vehicle	Handheld	Cell Phones
Streets	1	6	6	4
Utilities	2	10	2	4
Parks and Recreation	1	12	6	3
Building Inspection	0	0	0	3
Environmental Health	0	0	0	2

APPENDIX 8 TO ANNEX L

WATER EMERGENCIES

CURTAILMENT OF LOCAL USE OF WATER

In case of water shortage, local use can be curtailed by the series of steps listed below. During a water shortage, supplies of water should be denied to users in the following order:

Parks and playgrounds, swimming pools, and ornamental fountains, car washing or landscape sprinkling

Air conditioning using water

Commercial and industrial concerns engaged in non-essential or luxury-type activities or production

Single family residences

Multi-family residences, duplexes, etc.

Group housing, apartments, hotels, and motels

Fire protection

PRIORITY ON LOCAL USE OF WATER

In case of water shortage, the following users should have preference for water service or restoration of service. These facilities are not listed in order of priority, but each should be considered based upon community needs.

Hospitals and emergency hospitals, doctors' offices and clinics

Emergency shelters and community facilities for displaced persons

Water dispensing stations

Dairy processing plants

Food production, processing and storing

Refineries, petroleum and petroleum products

Control centers (EOC, police, fire, other utilities)

Communication originating stations

Transportation centers

Fire protection

Group housing, apartments, hotels and motels

APPENDIX 8 TO ANNEX L CONTINUED

MINIMUM WATER REQUIREMENTS PER PERSON/DAY:

(Minimum Range)

Hospital and other medical facilities	5-25 gallons/patient/day
Mass-care centers	
Lodging and emergency feeding	5-15 gallons/person/day
Lodging centers-drinking	2 gallons/person/day
Lodging center with flush-toilet facilities - drinking, feeding and sanitary uses	25 gallons/person/day
Mass-feeding stations - cooking and sanitation	3-10 gallons/person/day
Households	5-15 gallons/person/day
Drinking, cooking and sanitation	
With operative flush-toilet facilities	25 gallons/person/day

METHODS OF EMERGENCY WATER DISINFECTION

A. For small amounts of water

1. Boil two or three minutes.
2. Add three drops of ordinary household two percent tincture of iodine to one quart clear water, wait one hour. Add six drops for cloudy water.

B. For large or small amounts of water

1. Add sodium hypochlorite (NaOCl) in amounts shown below. Ordinarily liquid household laundry bleach contains this compound, usually at 5.25% strength. Add correct dose, mix thoroughly, and wait a thirty minutes. Treated water should have distinct chloride odor. If no chloride odor, add more bleach, mix and let stand for fifteen minutes.

DOSE OF 5.25% SOLUTION

QUANTITY OF WATER	CLEAR	CLOUDY
1 quart	2-3 drops	5 drops
1 gallon	10 drops	20 drops
5 gallon	1/2 teaspoon	1 teaspoon
1500 gallon	1 quart	2 quart

2. Add water purification tablets (chlorine or iodine release) according to label. Available at drugstores.

APPENDIX 8 TO ANNEX L CONTINUED

3. Other common chemicals which can be used for emergency disinfection are shown in attached table.

C. For dishwashing purposes

1. Chlorinate: add at least 50ppm of available chlorine at temperature not less than 75 degrees F. (50ppm = 50mg chlorine/liter water)

2. Iodine: at least 12.5ppm of available iodine in a solution not having a ph above 5.0 temperature of not less that 70 degrees F. (12.5ppm = 12.5mg chlorine/liter of water)

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER

Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
BK Powder (CL2)	50	1 t	2 gal	1 t	37 gal	Janitorial, hotel, restaurant, dairy and chemical supplies
Betadine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Household Ls. Bleach (CL2)	5.25	1 T	1 gal	1 T	20 gal	Grocery store
Iodine Tabs; Globaline Potable Aqua, etc.	-	-	-	2 tabs	1 qt	Drugstore, sporting good stores
HTH (CL2)	70	1 tab	4 gal	1 tab	85 gal	Janitorial, hotel, restaurant, dairy, & chemical supplies
Iobac (I2)	0.96	1 T	7 cups	1 T	4 gal	Janitorial, hotel, restaurant, dairy, chemical supplies
Iodine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Lugol's Soln. (I2)	5	1 t	5 cups	1 T	20 gal	Drugstore
Triclairs (CL2) 06/15/92	24	1 t	5 qt	1 t	29 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Triclairs (CL2)	2	1 T	6 cups	1 T	3 gal	Drugstore

t = teaspoon, T = tablespoon, qt = quart, gal = gallon

APPENDIX 8 TO ANNEX L CONTINUED

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
Wescodyne (I2)	1.6	1 T	5 cups	1 T	6 1/2 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Zonite (CL2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore

APPENDIX 8 TO ANNEX L

POSSIBLE EMERGENCY WATER STORES

Town of Addison Athletic Club.....484-2296
Indoor Swimming Pool at 3900 Beltway Drive

Loos Athletic Facility.....888-3194
Indoor Swimming Pool at 3815 Spring Valley

APPENDIX 9 TO ANNEX L

WASTEWATER EMERGENCIES

If the local sewage system becomes overloaded or if there are not enough toilet facilities to accommodate relocated people in their lodging areas, (Wastewater Manager) will need to improvise waste disposal latrines and other sanitation devices.

General considerations for improvised toilet facilities and waste disposal:

- select a site at least 100 yards from any food preparation area and 150 feet from the nearest water source.
- site should be accessible to users but away from lodging or residential areas.
- provide separate latrines for men and women and place canvas or other type of screen or tent around them.
- there should be enough latrine seats to accommodate from 8-12% of people at one time.
- prevent surface water from flowing into latrines by digging drainage ditches.
- control flies by spraying area with insecticides: spray latrine pit twice weekly; keep latrine area clean.
- install hand washing device and disinfecting solution near latrine area; keep supply of toilet paper in rainproof containers.
- when latrine pit becomes filled with waste to within one foot from the surface, close the latrine:
 - cover contents with minimum of two feet of earth and pack down firmly
 - spray the area with oil or insecticide
 - mound pit over with at least one foot of dirt and spray again
 - mark site "CLOSED LATRINE"

EMERGENCY MANAGEMENT JOB DISCRPTION

Utilities Superintendent

Assignment: Service Center

Reports to: Director of Public Works / City Engineer / Assistant Director of Public Works

Supervises: Utilities Personnel

Responsibilities:

Preparation:

- Prepare and maintain all equipment and SOP's necessary for the restoration of the city's water and wastewater systems
- Prepare for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's necessary for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's for the maintenance and operation of the city owned water system
- Ensure emergency power and water capabilities for all vital city facilities

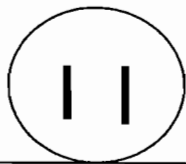
Response:

- Removal of debris
- Assess and report extent of damage to city utilities
- Coordinate the activities of private utility companies during disaster operations
- Assessment of damages of streets, bridges, traffic control devices, waste facilities and sanitation systems and public works facilities

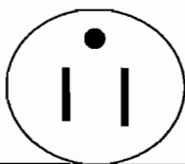
Recovery:

- Assure restoration of all water, sanitation and wastewater facilities
- Maintain an accurate record of all damages, repairs and expenses for financial recovery
- Record any difficulties occurring during the response phase and plan for mitigation measures to alleviate future problems

EMERGENCY GENERATOR INFORMATION (Existing Installation)	
1	Facility Name: <i>Celestial Road Pump Station</i>
2	Facility Address: <i>5510 Celestial Rd. , Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input checked="" type="checkbox"/> Water Pumping /Treatment <input type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Distribution</i>
4	Facility Point of Contact: <i>Jerry Davis (8-5pm)</i> Phone: <i>972 661-1693</i>
5	If more than one generator exists, provide generator number or location within facility:
6	Electrical Requirements; Kilowatts: <i>600</i> Volts: <i>4160</i> Amperes: <i>75</i> Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
7	Fuel: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
8	Fuel Tank Size: Gallons: <i>800</i> Pounds:
9	Fuel Tank Type: <input checked="" type="checkbox"/> Attached to generator <input type="checkbox"/> Separate tank
10	Generator Weight: <input type="checkbox"/> Pounds: <input type="checkbox"/> Tons:
11	Starting: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual/Recoil <input type="checkbox"/> Other:
12	Generator Support: <input checked="" type="checkbox"/> Pad/Permanent Installation <input type="checkbox"/> Skid <input type="checkbox"/> Trailer
13	Generator in Weather Housing: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
15	Is Generator Hard Wired to Electrical System? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16	Generator Receptacles Required (indicate numbers and types; see illustrations below): <i>N/A</i>
17	Other Pertinent Information:



15A-125V
NEMA 1-15R



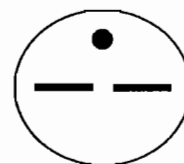
15A-125V
NEMA 5-15R



20A-125V
NEMA 5-20R



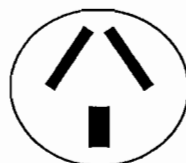
30A-125V
NEMA 5-30R



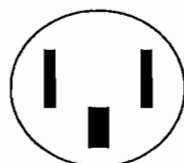
30A-250V
NEMA 6-30R



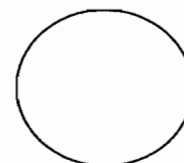
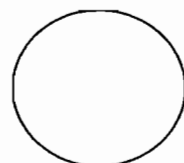
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R

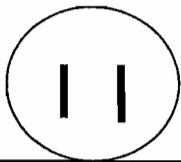


50A-250V
NEMA 6-50R

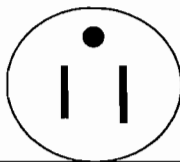


If illustrations don't match what you have, draw your receptacles here.

EMERGENCY GENERATOR INFORMATION (Existing Installation)	
1	Facility Name: <i>Kellway lift Station</i>
2	Facility Address: <i>4245 Kellway circle , Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input type="checkbox"/> Water Pumping /Treatment <input checked="" type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Collection</i>
4	Facility Point of Contact: _____ Phone: <i>972 930 9841</i>
5	If more than one generator exists, provide generator number or location within facility:
6	Electrical Requirements; Kilowatts: <i>200</i> Volts: <i>480</i> Amperes: <i>301</i> Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
7	Fuel: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
8	Fuel Tank Size: Gallons: _____ Pounds: _____
9	Fuel Tank Type: <input checked="" type="checkbox"/> Attached to generator <input type="checkbox"/> Separate tank
10	Generator Weight: <input type="checkbox"/> Pounds: _____ <input type="checkbox"/> Tons: _____
11	Starting: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual/Recoil <input type="checkbox"/> Other:
12	Generator Support: <input checked="" type="checkbox"/> Pad/Permanent Installation <input type="checkbox"/> Skid <input type="checkbox"/> Trailer
13	Generator in Weather Housing: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
15	Is Generator Hard Wired to Electrical System? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16	Generator Receptacles Required (indicate numbers and types; see illustrations below): <i>N/A</i>
17	Other Pertinent Information:



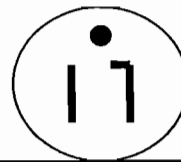
15A-125V
NEMA 1-15R



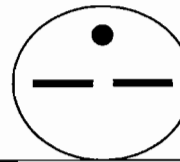
15A-125V
NEMA 5-15R



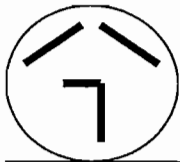
20A-125V
NEMA 5-20R



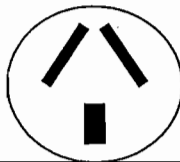
30A-125V
NEMA 5-30R



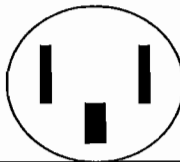
30A-250V
NEMA 6-30R



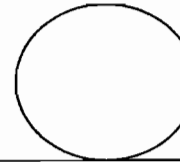
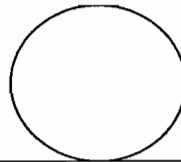
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R

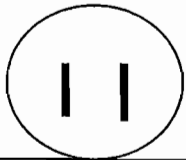


50A-250V
NEMA 6-50R

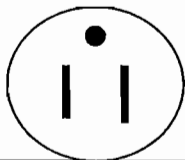


If illustrations don't match what you have, draw your receptacles here.

EMERGENCY GENERATOR INFORMATION (Additional Equipment)	
1	Facility Name: <i>Surveyor Pump Station</i>
2	Facility Address: <i>15130 Surveyor Blvd. Addison</i>
3	Facility Type: <input type="checkbox"/> EOC <input type="checkbox"/> Communications Ctr <input type="checkbox"/> Medical Facility <input type="checkbox"/> Fuel Facility <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Fire/Rescue Facility <input type="checkbox"/> EMS Facility <input checked="" type="checkbox"/> Water Pumping/Treatment <input type="checkbox"/> Wastewater Pumping/Treatment <input type="checkbox"/> Other (specify) <i>Distribution</i>
4	Facility Point of Contact: _____ Phone: <i>972 991-9186</i>
5	Electrical Requirements: Kilowatts: _____ Volts: _____ Amperes: _____ Phase: <input type="checkbox"/> Single <input checked="" type="checkbox"/> 3-Phase Wye <input type="checkbox"/> 3-Phase Delta <input type="checkbox"/> Other:
6	Fuel Available: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Propane <input type="checkbox"/> Other:
7	Site Access: Site accessible for emplacing trailer-mounted unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Site accessible for unloading/positioning skid-mounted unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14	Electrician On-site or Available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Contract</i>
16	Generator Receptacles Needed (indicate numbers and types; see illustrations below): <i>Not available for connection at this time</i>
17	Other Pertinent Information:



15A-125V
NEMA 1-15R



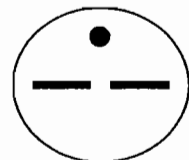
15A-125V
NEMA 5-15R



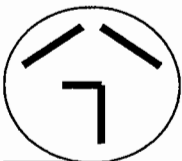
20A-125V
NEMA 5-20R



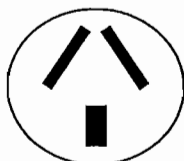
30A-125V
NEMA 5-30R



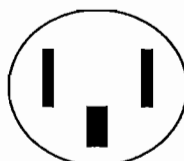
30A-250V
NEMA 6-30R



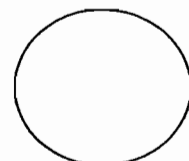
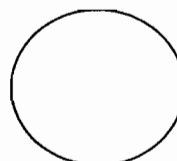
30A-125/250V
NEMA 5-30R



50A-125/250V
NEMA 10-50R



50A-250V
NEMA 6-50R



If graphics don't match what you need,
draw what you need here.

EMERGENCY GENERATOR FORMS

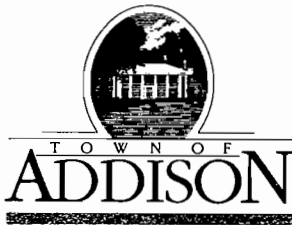
1. The emergency generator forms which follow are provided to facilitate pre-planning for emergency generator requirements, either to obtain a generator which does not have one or replace an existing generator which has failed.

The Emergency Generator Information – Existing Installation form should be used to record information on existing emergency generators in case they must be replaced.

The Emergency Generator Information – Additional Equipment form should be used to identify requirements for additional emergency generators for critical facilities that do not currently have such generators.

2. Forms should be completed by the owner or operator of the facility that has or may need a generator and provided to the local EMC. A separate form should be completed for each existing generator or additional generator that is required. The local Utility Coordinator will maintain completed forms for use during emergencies. It is suggested that individuals completing these forms retain a copy for their own records.
3. In completing these forms, keep the following in mind:
 - A. If in doubt about what type of capability is needed, consult a qualified electrician.
 - B. Generators are often quite heavy and should be emplaced on a firm, level site, and preferably a paved area.
 - C. A forklift is normally used to emplace a skid-mounted generator. The forklift operator must have adequate room to maneuver.
 - D. In considering emergency generator siting, remember that generators are often noisy and produce exhaust fumes that may be sucked into nearby ventilation intakes. Vehicle access will be needed to refuel.

←
scheduled to come out
to surveyor next week.
Feb. 24 - 28?

**FIRE DEPARTMENT**

(214) 450-7200 FAX (214) 450-7208

Post Office Box 144 Addison, Texas 75001

4798 Airport Parkway

MEMORANDUM

June 5, 1996

TO: Lea Dunn, Assistant City Manager
CC: Bob Wallingford, Fire Chief
FROM: Gordon C. Robbins, Fire Prevention Chief / Emer. Mgmt. Coordinator
SUBJECT: Follow-up on response to severe weather - 6/1/96

Ron, via Chris, asked me to explore a few items concerning Staff's response during the thunderstorm last Saturday.

- Q:** Mary Rosenbleeth and Chris Terry were the only non-public safety personnel to get the thunderstorm warning page from dispatch. Why didn't anybody else get it?
- A:** At the time former EMC Jimmy Godwin resigned, the following positions were on the weather warning page list:
Mayor, Bldg./Fleet Manager, Building Official, Fire & Police Commanders, Environmental Official, Health Inspector, Finance Director, Public Comm. Mgr., Asst. to City Manager, Utilities Foreman and the Utility Division standby. Effective immediately I am adding yourself, City Engineer, Streets Director, and Parks Director to the page list.
- Q:** Why was there such a short interval between the receipt of the warning page and the onset of the severe weather?
- A:** I asked Police Communications Supervisor Joni Ramsey to look into this. Dispatch records indicate they received the warning from the NWS at 10:56 AM. The pages were sent to staff at 11:08 AM. Joni believes procedures were followed by the dispatcher on duty. However, there were two trainee dispatchers on duty also and the extra time needed to brief them on the paging procedures resulted in the time lapse.
- Q:** What difficulties did the departments encounter in their response to the storm?
- A:** I have spoken by phone and in person with several Department and Division heads. The majority of the comments were positive, with no report of difficulty. The few comments which were critical had to do with communications difficulties and an absence of coordination for which I take responsibility. These will no doubt be covered at the debriefing.

Please contact me if you would like any additional information or clarification. Will your office be scheduling the debriefing? If so, A-Shift weekdays in June are the 10th, 13th, 19th, 25th and 28th. John Baumgartner has asked, if possible, that it not be scheduled for the 11th, 12th or 13th. Also, I will be out of the city on the 11th. Thank you.

c: Chris Terry
John Baumgartner
Robin Jones
Ronnie Rivers
Joni Ramsey

June 4, 1996

TO: John Baumgartner, Director of Public Works
FROM: Keith Thompson, Utilities Foreman ✈
RE: Recap on what occurred after Thunderstorm passed thru Addison

On Saturday June 1, 1996 at 11:30am I received a call from the Utilities stand by man. (Dave Wilde) He told me we had no power at Celestial or Surveyor pump stations. He also said he had broken his key off in the lock at Celestial trying to get in. Kevin Harper was called to let Dave into the pump station. I called Daniel Aleman, Charles McElroy and Jerry Davis into work. I called the City of Dallas Operations to get permission to open the stand by meters. I spoke with Mr. Weatherall and he said he would have to call someone. I then received a page from John Baumgartner to see if I was aware of the power outage. We talked about who I had called in, and how I was managing the power outage at both pump station. I then received a call from Mr. Weatherall and he advised me that a valve crew would be dispatched to open the stand by meters. Kevin Harper arrived at the Celestial pump station and let Dave in. Dave then called me to let me know that there was 25 feet of water in the water tower. I then called the City of Dallas back and requested we be allowed to turn the meters on if it became necessary. He said he would have to check and he would call me back. I called Tom Fisher to see if he could come in. He explained that his wife should be having their baby really soon. I then called Jose Flores to see if he could come in. His son answered the phone and said Jose was not home. Dallas then called me back and gave me permission to open the stand by meters. I called Dave back and told him about my conversation with Dallas. I let him know who was on their way in, and who I couldn't reach. I explained to him that our priority was to open all of the stand by meters while I was driving into work.

When I arrived at the service center I called Dave & Jerry to see if they had opened the stand by meters. Jerry said that they were working on it and it should not be too much longer. After all of the stand by meters were opened, Jerry went to the water tower to start closing off the valve inside the tower. I radioed to Charles McElroy at Addison Rd, Kevin Harper at West grove, Dave Wilde at Celestial to let me know when their meter started to turn. Jerry Davis called me on the radio to let me know he had turned the valve 41 turns, and it was getting harder to turn. At about 3:30 pm I noticed that the alarm lights for Surveyor had gone off. I called on the radio to let everyone know to hold on, and I would go over to Surveyor to verify that the electricity had been restored. I arrived at 3:45pm, at which time I called Jerry to open the water tower valve so a pump could be started. After the valve was opened I started pump # 1 and radioed to everyone to close off their stand by meter valve.

After all of the stand by meters were closed the Utilities personnel started assisting Robin Jones with clearing tree limbs from the road ways.

Dave Wilde stayed and monitored the T.U. Electric repair at 5300 Belt Line until 11:00pm at which time power was restored to the Celestial pump station.

Homeland Security Advisory System

The Homeland Security Advisory System is a U.S. Government system designed to provide a comprehensive means to disseminate information regarding the risk of terrorist acts to federal, state, and local authorities and to the American people. This system provides warnings in the form of a set of graduated "Threat Conditions" that increase as the risk of the threat increases. At each threat condition, federal departments and agencies would implement a corresponding set of "Protective Measures" to further reduce vulnerability or increase response capability during a period of heightened alert.

Although the Homeland Security Advisory System is binding on the executive branch, it is voluntary to other levels of government and the private sector. There are five threat conditions, each identified by a description and corresponding color.

The greater the risk of a terrorist attack, the higher the threat condition. Risk includes both the probability of an attack occurring and its potential gravity.

Threat conditions are assigned by the Attorney General in consultation with the Assistant to the President for Homeland Security. Threat conditions may be assigned for the entire nation, or they may be set for a particular geographic area or industrial sector. Assigned threat conditions will be reviewed at regular intervals to determine whether adjustments are warranted.

Threat Conditions and Associated Protective Measures

There is always a risk of a terrorist threat. Each threat condition assigns a level of alert appropriate to the increasing risk of terrorist attacks.

Low Condition (Green). This condition is declared when there is a low risk of terrorist attacks.

Guarded Condition (Blue). This condition is declared when there is a general risk of terrorist attacks.

Elevated Condition (Yellow). An Elevated Condition is declared when there is a significant risk of terrorist attacks.

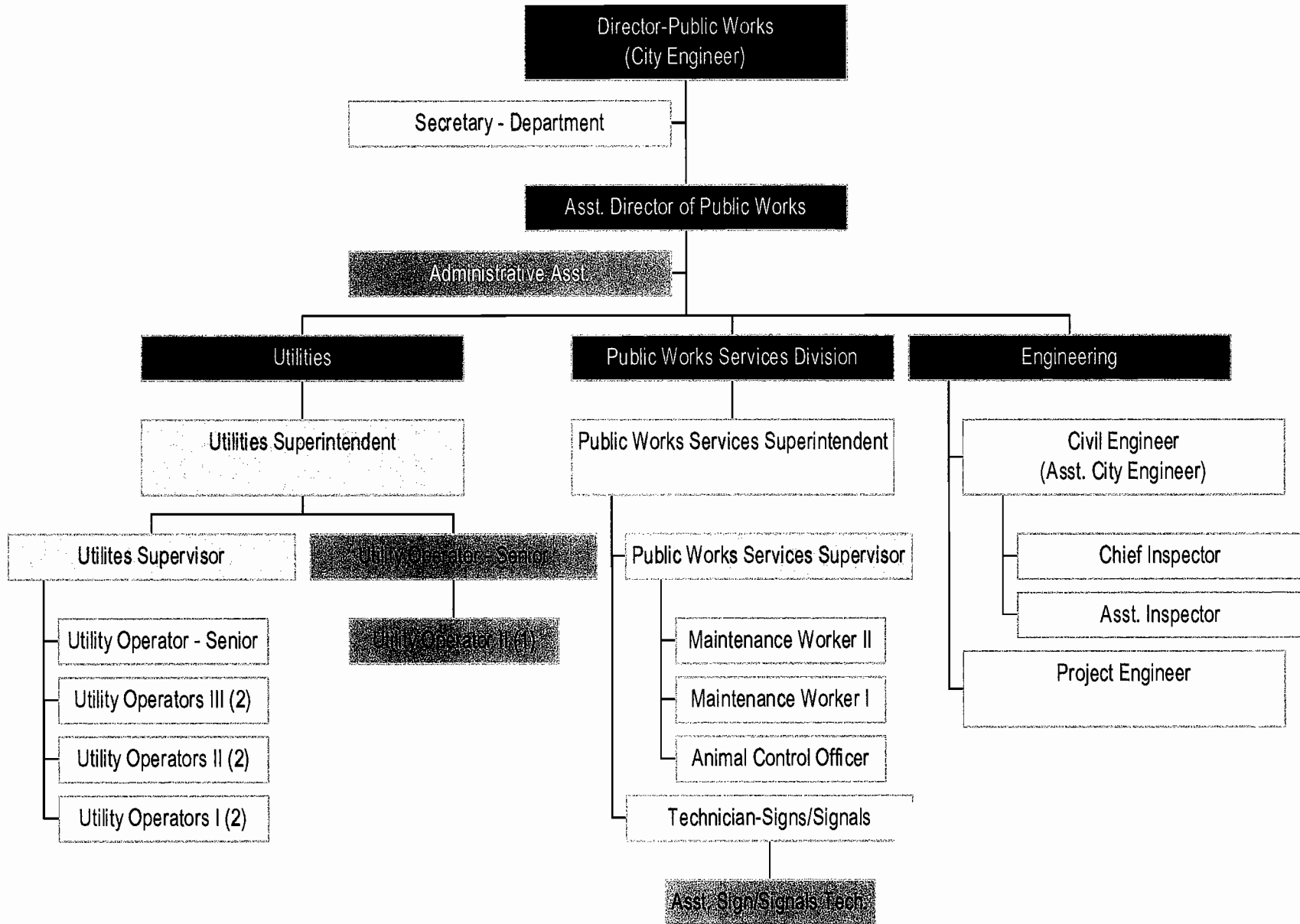
High Condition (Orange). A High Condition is declared when there is a high risk of terrorist attacks.

Severe Condition (Red). A Severe Condition reflects a severe risk of terrorist attacks.

Recommended Actions

Attached are links for recommended protective measures that may be taken to the various threat conditions. Recommendations are specific to each of the five levels of threat conditions. There are specific recommendations for individuals, families and businesses.

Public Works Department



Addison!

Homeland Security Advisory System Recommended Actions* Individuals

Red (Severe)

- Complete recommended actions at lower levels;
 - Listen to radio/TV for current information/instructions;
 - Be alert to suspicious activity and report it to proper authorities immediately;
 - Contact business/schools to determine status of work day;
 - Adhere to any travel restrictions announced;
 - Be prepared to evacuate area or shelter in place as directed; and
 - Avoid public gathering places such as sports arenas, transportation centers or other high-risk locations.
-
- Complete recommended actions at lower levels;
 - Be alert to suspicious activity and report it to proper authorities;
 - Review your personal disaster plan;
 - Exercise caution when traveling;
 - Be prepared to do without services you normally depend on that could be disrupted such as electricity, telephone, natural gas, gasoline pumps, cash registers, ATM machines, internet transactions, etc.;
 - Do not be afraid to move or leave your location if you feel uncomfortable or if something does not seem right;
 - If a need is announced, donate blood at designated blood collection centers; and
 - Check on neighbors, relatives, friends that have special needs and assist them as necessary.

- Complete recommended actions at lower levels;
- Be alert to suspicious activity and report it to proper authorities;
- Consider contacting a private security firm to conduct a security risk assessment and determine availability of support/reinforcement;
- Stay up to date on current events that relate to homeland security issues and discuss with key business staff; and
- Determine security readiness and disaster preparedness plans of key business partners to your organization.

Blue (Guarded)

- Complete recommended actions at lower levels;
- Be alert to suspicious activity and report it to proper authorities;
- Develop a dialogue with business and community leaders, government agencies, professional and community organizations, and utilities about disaster preparedness issues;
- Maintain standard operating guidelines for handling suspicious parcels and letters;
- Maintain up to date Material Safety Data Sheets (MSDS) for handling workplace hazardous materials; and
- Ensure emergency communications plan is updated to include purchase of needed equipment.

Green (Low)

- Encourage or sponsor employees to take CPR/AED and first aid courses;
- Develop written emergency plans to address all potential hazards. Train all employees on implementation of the emergency plan. Include an emergency communication plan to notify employees of activities. (The American Red Cross has numerous resources to assist you in developing such plans);
- Designate an off-site “report to” location in case of evacuation;
- Develop continuity of operations plan to include designating alternate work facility/location for business; and
- Prepare information technology systems for cyber attacks as part of normal business practices.

* The information contained in this document has been gathered from various sources concerning homeland security and is believed to be timely. However, information on homeland security issues changes hourly. As a result, this information should not be used as the sole source for information concerning homeland security issues but only as a brief overview.

Public Works Progression

- 1. Mike Murphy Dir. of Public Works and City Engr.**
- 2. Jim Pierce Asst. Director of Public Works**
- 3. Steve Chutchian Assistant City Engineer**
- 4. Robin Jones Streets Superintendent**
- 5. Jerry Davis Utilities Superintendent**

Public Works Progression

1. **Mike Murphy** **Dir. of Public Works and City Engr.**
2. **Jim Pierce** **Asst. Director of Public Works**
3. **Steve Chutchian** **Assistant City Engineer**
4. **Robin Jones** **Streets Superintendent**
5. **Jerry Davis** **Utilities Superintendent**

Public Works Progression

- 1. Mike Murphy Dir. of Public Works and City Engr.**
- 2. Jim Pierce Asst. Director of Public Works**
- 3. Steve Chutchian Assistant City Engineer**
- 4. Robin Jones Streets Superintendent**
- 5. Jerry Davis Utilities Superintendent**

PUBLIC WORKS EMPLOYEES-EMERGENCY CONTACT AFTER HRS. PD 9-450-7157-7158

James Brown – Animal Control Officer
5636 Spring Valley, #273
Dallas, TX 75240
972-866-8706 Home
972-500-0240 Pager, 214-906-2589 Mobile

Steve Chutchian-Betsy-Assistant City Engineer
1017 N.W. 7th Street
Grand Prairie, TX 75050
972-262-5931 Home
214-673-2518 Mobile
972-500-0335 Pager

Joel Pena Cruz – Operator II
2632 North Avenue
Plano, TX 75074
972-422-3040 Home
972-500-0330 Pager

Jerry Davis-Gina – Utilities Superintendent
105 Baird Circle.
Highland Village, TX 75077
972-317-1728 Home
972-500-0331 Pager
214-725-8096 Mobile

Al Dent-Alyssa - Streets Supervisor
5509 Sager
The Colony, TX 75056
972-625-0614 Home
972-500-0235 Pager
972-489-7370 Mobile

Sue Ellen Fairley-Department Secretary
303 Grace Lane
Terrell, TX 75160
1-972-563-4103 Home

Jose Flores-Sanjuana – Assistant PW Inspector
1213 Northside
Carrollton, TX 75006
972-446-2290 Home
972-500-0332 Pager
214-215-8569 Mobile

Paul Gilleland – Operator II
2500 Guerrero Street, #1223
Carrollton, TX 75006
972-245-9083 Home
972-356-0787 Pager

Edgar Horton-Ann - Operator II
3022 N. Josey, #114
Carrollton, TX 75007
972-394-7747 Home
972-500-0334 Pager

Luke Jalbert-Christi – Project Manager
2113 Meadfoot
Carrollton, TX 75007
214-850-3645 Mobile
972-939-0884 Home, 972-593-1589 Pager

John Jones-Sheila - Senior Maintenance
5048 Stanley
The Colony, TX 75056
972-625-5320 Home 972-500-0242 Pager

Robin Jones-Pat – Street Superintendent
410 Marilu
Richardson, TX 75080
972-690-9449 Home 972-500-0241 Pager
214-906-2161 Mobile

Phil Kagarice - Sr. Water Utility Operator
3721 Red Oak Trails
The Colony, TX 75056
972-624-1607 Home
972-839-2216 Mobile
972-661-3160 Office, 972-500-0314 Pager

Jeff King-Rita – Maintenance II
1609 Aldridge Drive
Plano, TX 75075
972-423-1586 Home
972-500-0243 Pager

Charles McElroy - Operator III
2718 Rochester
Dallas, TX 75215
214-375-8002 Home
972-500-0336 Pager

Robert McFarland - Operator II
3835 Aztec Trail
Wylie, TX 75098
972-442-2824 Home
972-500-0337 Pager

Charles Mitchell - Signal Technician
133 Eastwood Place
Lewisville, TX 75067
972-436-2834 Home
972-500-0244 Pager
214-906-2370 Mobile

Mike Murphy-Patti-Conner, Director of Public Works
2533 Lands End Drive
Carrollton, TX 75006
972-416-3900 Home
972-500-0338 Pager
214-215-5280 Mobile

Zach Nelson – Operator I
2525 Players Court, #1404
Dallas, TX 75287
972-307-0856 Home
972-593-7939 Pager

David Ogaz – Operator I
2631 Mountain View Drive
Farmers Branch, TX 75234
972-500-0343 Beeper, 214-437-5721 Cell

Ronald Peiky – Utilities Supervisor
2007 Cedarwood Dr.
Carrollton, TX 75007
972-446-8471 Home
972-500-0339 Pager
972-567-0060 Mobile

James C. Pierce, Jr.-Margaret – Assist. Dir. of Public Works
6916 Echo Bluff
Dallas, TX 75248
972-489-4420 Mobile
972-233-0932 Home
972-500-0341 Pager

Dave Wilde-Kathy - Public Works Inspector
1711 Southampton
Carrollton, TX 75007
214-215-6528 Mobile
972-394-5845 Home, 972-500-0246 Pager

Streets Mobile Phone 972-489-7370
Utility Mobile Phone 972-489-7375
E. Entrance Gate Code, Celestial: 2871
Lift station gate code: 2873

EMERGENCY MANAGEMENT JOB DESCRIPTION

Utilities Foreman

Assignment: Service Center

Reports to: Director of Public Works / City Engineer or Assistant Director of Public Works

Supervises: Utilities Personnel

Responsibilities:

Preparation:

- Prepare and maintain all equipment and SOP's necessary for the restoration of the city's water and wastewater systems
- Prepare for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's necessary for the operation of all sanitation services
- Prepare and maintain all equipment and SOP's for the maintenance and operation of the city owned water system
- Ensure emergency power and water capabilities for all vital city facilities

Response:

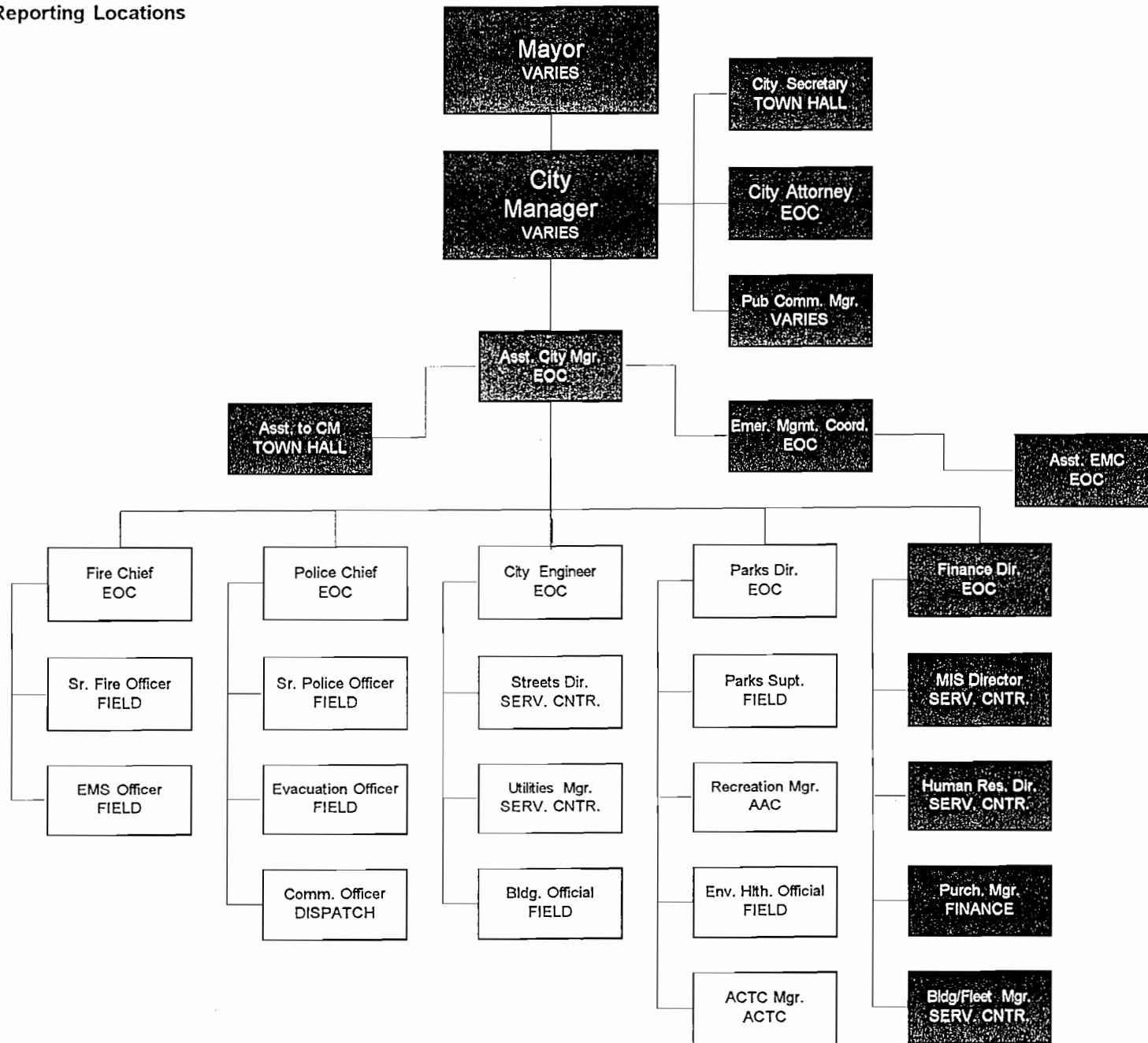
- Removal of debris
- Assess and report extent of damage to city utilities
- Coordinate the activities of private utility companies during disaster operations
- Assessment of damages of streets, bridges, traffic control devices, waste facilities and sanitation systems and public works facilities

Recovery:

- Assure restoration of all water, sanitation and wastewater facilities
- Maintain an accurate record of all damages, repairs and expenses for financial recovery
- Record any difficulties occurring during the response phase and plan for mitigation measures to alleviate future problems

Town of Addison

Organization for Emergencies
and Reporting Locations



ADMIN.
OPS.
SUPPORT

**TOWN OF ADDISON
DIVISION OF EMERGENCY MANAGEMENT
DIVISION/DEPARTMENTAL STANDARD OPERATIONAL PROCEDURE**

I. AUTHORITY

See Basic Plan

II. PURPOSE

In time of emergency, either declared or undeclared, the Town of Addison will provide a timely and appropriate response to meet the needs of the community. This response will be in accordance with a predetermined Standard Operational Procedure. Included in the Standard Operational Procedure will be the Division and Department assignment, a clearly defined organizational chart and line of succession, predetermined response procedures for all employees, initial assignments, and emergency notification procedures.

III. DIVISION/DEPARTMENT

Division: Utilities

Department: Public Works

IV. ORGANIZATION CHART

1 (one) Utilities Foreman
2 (two) Crew leaders
1 (one) Equipment operator
1 (one) Senior operator
2 (two) Operator II
3 (three) Operator I

V. LINE OF SECESSION

The line of secession indicates the Department Head and the assigned representatives who will be acting Department Head in the case of his/her absences. The Department Head will identify one person responsible for notification to all other department members of an emergency and the initiation of the appropriate response.

Utilities Foreman
Crew leader #1
Crew leader #2
Equipment operator
Senior Operator
Operator II
Operator I

(Note: The emergency notification information will be provided in Annex A of this Standard Operation Procedure.)

VI. RESPONSE PROCEDURES

In the event of an emergency which requires an immediate response by the Town of Addison, the person initiating the response may do so by any means available. The request will be transmitted to the Communications Division by the most efficient means, i.e. land line 911, cellular phone 911, radio communications, verbal communications, or any other means deemed necessary to initiate the proper response. Once the response has been initiated the following Standard Operational Procedures will be followed.

A. Response during scheduled work periods.

Upon notification by the Communications Division, or the pump station automatic alarm system, a utility crew will respond to the site where the responding crew will notify their supervisor or crew leader for assistance.

- a. Localized/Limited Response
Example: 6-inch to 12-inch water main break. This response will be handled by utility personnel to isolate leak and perform repairs.
- b. Localized/Unlimited Until Under Control Response
Example: 16-inch to 36-inch water main break. This response will be handled by utility personnel, Gifford Hill Pipe Company (sole source), and may require utility contractor assistance.
- c. Generalized/Limited Response
Example: Telephone/telemetry lines are out to a large part of the town. This response will be handled by a utility person to monitor the operation of the water pump stations.
- d. Generalized/Unlimited Until Under Control Response
Example: Loss of power in the Celestial area. This response will be handled by utility personnel. Assistance would be needed from the City of Dallas water department to activate emergency stand-by meters if necessary.

B. Response during non-scheduled work periods.

Upon notification by the Communications Division, or the pump station automatic alarm system, the scheduled stand-by person will respond to the Service Center. The stand-by person will take a city truck to the response site where he will contact his supervisor or crew leader for assistance.

- a. Localized/Limited Response
Example: 6-inch to 12-inch water main break. The Communications Division (Dispatch) will contact the utility stand-by person who will respond to the water leak, and then contact his supervisor or crew leader for assistance.
- b. Localized/Unlimited Until Under Control Response
Example: 16-inch to 36-inch water main break. The Communications Division (Dispatch) will contact the utility stand-by person who will respond to the leak and contact his supervisor or crew leader for assistance.
- c. Generalized/Limited Response
Example: Telephone/telemetry lines are out to a large part of town. The utility stand-by person will receive a call from an automatic alarm system indicating a telemetry failure. He will respond to the pump station affected, contact his supervisor or crew leader for assistance.
- d. Generalized/Unlimited Until Under Control Response
Example: Loss of power in the Celestial area. The utility stand-by person will receive a call from the automatic alarm system indicating a power failure at Celestial pump station. He will respond to the affected pump station, contact his supervisor or crew leader.

VII. EMERGENCY NOTIFICATION

- A.** Emergency notification during scheduled work periods.
 - a. Emergency notification for duty personnel will be provided by the Addison Communications Division and will be transmitted by radio to the appropriate personnel.
 - b. Emergency notification to personnel not on duty will be provided primarily by the Addison Communications Division via radio, pager, ground line (telephone) or cellular phone. During a large scale emergency or a specific limited response, Public Works/Utility Division personnel may assist in providing emergency contact from the Public Works Operations Center. The Public Works Operations Center is always operational during normal working hours.
 - c. Annex A of this Standard Operational Procedure provides the emergency notification information; Personnel names, telephone numbers, pager numbers.
- B.** Emergency notification during non-scheduled work periods.
 - a. Emergency notification during non-scheduled work periods will be the same
 - b. VI.B.a.b.c.d.

**ADDISON PUBLIC WORKS DEPARTMENT ANNEX A
UTILITIES DIVISION
Personnel List**

03/26/98

Baumgartner, John	Knoll Meadows Dallas 75287 Spouse: Robin	HOME PAGER MOBIL	972/306-2421 214/835-5169 972/489-4420
Murphy, Mike	300 Roundgrove Rd.,#821 Lewisville 75056 Spouse: Patty	HOME PAGER	972/459-3100 214/833-2076
Thompson, Keith	2075 Clubview Dr. Carrollton Spouse:	HOME PAGER	972/245-4049 214/ 836-9799
Davis, Jerry	1778 Circle Creek Dr Lewisville 75067 Spouse: Gina	HOME PAGER	972/420-1119 214/833-4529
Flores, Jose	1213 Northside Carrollton 75006 Spouse: Lupe	HOME PAGER	972/323-9103 214/897-1524
Lynch, Robert	601 Pleasant Valley Garland 75040 Spouse: Carol	HOME PAGER	972/205-1815 214/897-1521
Horton, Edgar	426 Price Dr. Lewisville 75067 Spouse: Bonnie	HOME PAGER	972/221-3288 214/897-1520
McElroy, Charles	2718 Rochester Dallas 75215 Spouse:	HOME PAGER	214/375-8002 214/897-1522
Pelky, Ronald	2007 Cedarwood Dr. Carrollton 75007 Spouse:	HOME PAGER	972/245-9501 214/897-1523
Harrison, Randy	2714 Hawthorne #160 Dallas 75219 Spouse:	HOME PAGER	214/522-0244 214/833-0934
Hasting, Tim	1122 Wood Height Dr. Lewisville, 75067 Spouse: Kristen	HOME PAGER	214/221-0128 214/897-1519

UTILITIES DIVISION MOBIL PHONE: 972/489-7375

APPENDICES
FOR
ANNEX L

APPENDICES TO ANNEX L

Appendix 1 Utilities Communication Network
..... Page 1

Appendix 2 Addison Public Works Personnel and Resources
.....Page 2, 3

Appendix 3 Utilities ie.. Dallas Water, TU, Gas, Southwestern Bell
.....Page 4

Appendix 4Neighboring Cities Resource Inventory
..... Page 5, 6, 7

Appendix 5Barricades and Rental Companies
.....Page 8

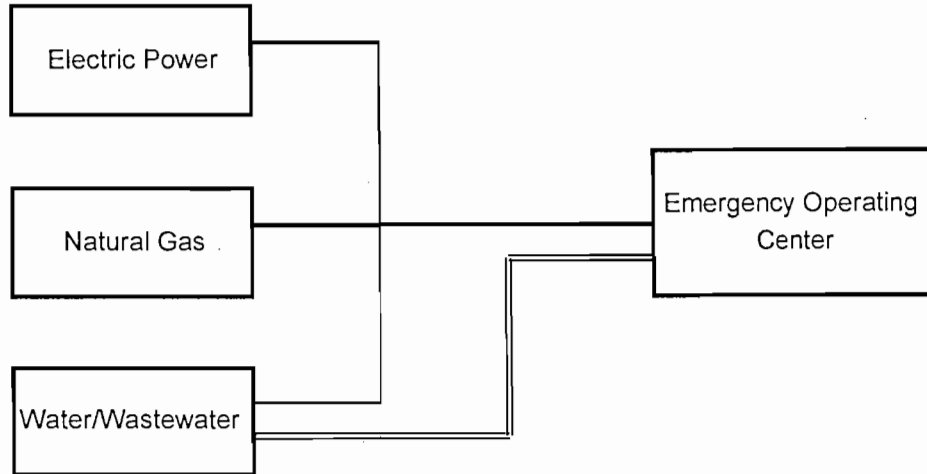
Appendix 6 Key Facilities
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Appendix 7Communication Resources
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Appendix 8 Water Emergencies
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Appendix 9Wastewater Emergencies
.....Page 16

Utilities Communication Network



LEGEND:

———— Radio

==== Telephone

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Utilities Dept.972/450-2871	Emergency 972/450-7157
Foreman	
Keith Thompson.....972/450-2873	Home 972/245-9049
	Pager 214/836-9799
Crew Leaders	
Jerry Davis972/450-2897	Home 972/420-1119
	Pager 214/833-4529
Dave Wilde972/450-2872	Home 972/394-5845
	Pager 214/833-1872
Nine work persons	

EQUIPMENT

Backhoe/Loader0	
Water Pump5	
Compressors.....1	
Generators2	
Concrete Mixer1	One-fourth yard
Pick-ups5	
Barricades20	
Vactor.....1	
Dump Trucks2	3 yard
Crane Truck1	

PERSONNEL

Addison Street Division.....972/450-2841	Police dispatch..... 972/450-7157
Superintendent	
Robin Jones.....972/450-2849	Home 972/690-9449
.....	Pager 214/839-1900
Public Works Inspector.....972/450-2847	Home
	Pager.....
Street Supervisor	
Al Dent.....972/450-2841	Home 972/417-5870
	Pager 214/835-7178
Five work persons	

EQUIPMENT

Dump Trucks2	Six yard
Backhoe/loader1	Case 580
Chain saw.....5	
Compressor1	
Generators.....1	
Roller.....1	
Pick-ups3	
Barricades 100	
Aerial Bucket Truck.....1	

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Parks Dept.972/450-2851

Director

Slade Strickland972/450-2869

Parks Superintendent

Ron Lee972/450-2863

Sixteen work persons, not including supervisors

Emergency972/450-7157

Home972/964-2536

Pager214/833-1262

Home972/492-8068

Pager214/833-0958

EQUIPMENT

Backhoe/Loader1

Chain Saw3

Generators1

Pick-ups.....9

Aerial Bucket Truck.....1

Case 680

APPENDIX 3 TO ANNEX L

TU ELECTRIC/LONE STAR GAS

TU ELECTRIC

Lifts, cranes, etc.

Jeanne Hooker Office972-888-1302
Home.....972-690-3663

8502

Pager214-359-0131

Joel Porter Pager972-648-0755

Home.....972-934-3409

Line Locates800-658-2180

Emergency972-791-2888

Emergency800-233-2133

LONE STAR GAS

Automated telephone service214-741-3750

Emergency Repairs (24 hours) .800-817-8090

Line Locates800-344-8377

SOUTHWESTERN BELL

Emergency Repair (24 hours)800-286-8313

Line locates800-344-8377

Telemetry 800-246-8064

Special Services214-268-1777

DALLAS WATER UTILITIES

Wholesale Services

- Phillip Boyd214-670-5887

Dallas water Operations 214-670-8064

GE TEAM CONTROL TELEMETRY

Day & night... 389-7700

Sharrock Electric

Construction Equipment,

Office – Metro817/429-8502
24 hour Emergency Metro817/429-

Groves Electric

Bill (office)972/446-8207

(pager)972/565-1631

Mel's Electric

Office214/565-1074

Johnny (pager)972/204-2384

(mobile).....214/354-1903

APPENDIX 4 TO ANNEX L

FARMERS BRANCH

PERSONNEL

City of Farmers Branch....972/919-2597*
Director of Public Works.....
Mark Pavageau

Emergency972/247-3131
*Police Dept. answers after hours

WATER DEPARTMENT

Water Superintendent
Roy Smallwood.....972/919-2613*

*Police department after hours

EQUIPMENT

Rubber Tire Loaders2
Graders.....1
Dump Trucks3
Sweeper.....1
Backhoe/Loader1
4" Water Pump.....1
Chain saw.....1
Compressor2
Generators2
Concrete Mixer Truck.....1
Roller.....1
Concrete Breaker1
Loader1
Pick-ups.....12
Barricades50

Large
Ten yard
J.D. 410
Large
Homelite
Nine yard
V.B
Badger
Ford

APPENDIX 4 TO ANNEX L

CARROLLTON

PERSONNEL

City of Carrollton	* After hours Service Center
Director of Public Works	
Tim Tumulty972/466-3200	Emergency972/466-3425*

WATER DEPARTMENT

Water Superintendent	
Dudley Sinclair972/466-3477	Emergency972/466-3425*
76 work persons	

EQUIPMENT

Rubber Tire Loaders3	
Graders1	
Dump Trucks12	(6) 16 yard, (6) 8 yard
Sweeper power broom1	
Backhoe/Loader6	
4" Water Pump.....6	
Chain saw3	
Compressor2	
Generators4	
Concrete Mixer Truck.....2	
Roller.....1	
Concrete Breaker2	
Pick-ups.....20	
Barricades50	
Sewer Jet Trucks.....4	

APPENDIX 4 TO ANNEX L

CITY OF RICHARDSON

- The Public Works Department 24-hour dispatch is located at their North side pump station. The address of the pump station is 1201 West Renner. 972/238-2238

PERSONNEL

Police Department.....972/238-3800	Emergency972/238-3800
* These phones are answered by Director of Public Service.....	public works dispatch after hours.
Clay Gooch972-238-4220*	

WATER DEPARTMENT

Water & Sewer Superintendent	
Jim Keinhofer.....972-238-4092*	Emergency972/235-2238
Field Supervisors	
Rocky Glover	* This phone is answered by public works dispatch after hours.
Steve Anderson	

Fifty-five work persons (Water & Sewer Department)

EQUIPMENT

Dump Truck.....2	six yard
Backhoe.....2	
Trackhoe1	
Hescoe Power Unit1	
Phenatoc Airpump for Diesel of gas.....1	

EQUIPMENT

Barricades25 to 500	
Dump Trucks3	fourteen yard
Dump Trucks9	six yard
Backhoe Loader2	
Track Loader Dozer1	
Maintainer1	

APPENDIX 5 TO ANNEX L

BARRICADES AND RENTAL COMPANIES

BARRICADES

Lectric Safety Lite
11577 Goodnight Lane
Dallas, Texas

214/243-7272 8 a.m. – 5 p.m.
214/351-1994 after hours

Barricades, signs, portable arrow boards,
barrels, traffic control devices, etc.

Dallas Lite & Barricades
1607 Fort Worth Ave.
Dallas, Texas

214/748-5791 24 hours

Same as above

Plank
2655 Lombardy
Dallas, Texas

214/357-4369 24 hours

Same as above, also shoring trench boxes,
pumps and generators.

RENTAL EQUIPMENT

DARR Equipment
2000 E. Airport Freeway
Irving, Texas

972/721-2000 24 hours

Loaders, crawlers, rubber tire and track,
light plants, and generators.

Gaedcke
10205 N. Walton Walker
Dallas, Texas

972/556-0005 24 hours

Various small equipment light plants

Strawn Rental
11010 Harry Hines
Dallas, Texas

214/357-4301 7a.m. – 5:30 p.m.

All types of equipment, Chain saws, weed
eaters, backhoes, air compressors,
jackhammers

Arentco
14026 Harry Hines

214/620-1005 7:30 a.m. 5:30 p.m.
972/539-9340 (after 5 Steve Haag)

Same as above

APPENDIX 6 TO ANNEX L

KEY FACILITIES

Essential Operations and their locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75248

Law Enforcement Services

Addison Police Department
4798 Airport Parkway
Addison, Texas 75248

Dispatch office 972/450-7157
Supervisors office 972/450-7159

Fire Services

Addison Fire Station # 1
4798 Airport Parkway
Addison, Texas 75248
972/450-7201

Addison Fire Station # 2
3950 Beltway Drive
Addison, Texas 75248
972/450-7230

Public Work Services

Addison Service Center
16801 Westgrove
Addison, Texas 75248
972/450-2871

Utility Service

Surveyor Pump Station
15130 Surveyor Rd.
Addison, Texas 75244
972/991-9186

Celestial Pump Station
5510 Celestial Rd.
Addison, Texas 75240
972/726-6909

Addison Water Tower
15500 Julian St.
Addison, Texas 75248
972/458-8620

Kellway Lift Station
4245 Kellway Circle
Addison, Texas 75248
972/930-9841

APPENDIX 8 TO ANNEX L

WATER EMERGENCIES

CURTAILMENT OF LOCAL USE OF WATER

In case of water shortage, local use can be curtailed by the series of steps listed below. During a water shortage, supplies of water should be denied to users in the following order:

Parks and playgrounds, swimming pools, and ornamental fountains, car washing or landscape sprinkling

Air conditioning using water

Commercial and industrial concerns engaged in non-essential or luxury-type activities or production

Single family residences

Multi-family residences, duplexes, etc.

Group housing, apartments, hotels, and motels

Fire protection

PRIORITY ON LOCAL USE OF WATER

In case of water shortage, the following users should have preference for water service or restoration of service. These facilities are not listed in order of priority, but each should be considered based upon community needs.

Hospitals and emergency hospitals, doctors' offices and clinics

Emergency shelters and community facilities for displaced persons

Water dispensing stations

Dairy processing plants

Food production, processing and storing

Refineries, petroleum and petroleum products

Control centers (EOC, police, fire, other utilities)

Communication originating stations

Transportation centers

Fire protection

Group housing, apartments, hotels and motels

APPENDIX 8 TO ANNEX L CONTINUED

MINIMUM WATER REQUIREMENTS PER PERSON/DAY:

(Minimum Range)

Hospital and other medical facilities	5-25 gallons/patient/day
Mass-care centers	
Lodging and emergency feeding	5-15 gallons/person/day
Lodging centers-drinking	2 gallons/person/day
Lodging center with flush-toilet facilities - drinking, feeding and sanitary uses	25 gallons/person/day
Mass-feeding stations - cooking and sanitation	3-10 gallons/person/day
Households	5-15 gallons/person/day
Drinking, cooking and sanitation	
With operative flush-toilet facilities	25 gallons/person/day

METHODS OF EMERGENCY WATER DISINFECTION

A. For small amounts of water

1. Boil two or three minutes.
2. Add three drops of ordinary household two percent tincture of iodine to one quart clear water, wait one hour. Add six drops for cloudy water.

B. For large or small amounts of water

1. Add sodium hypochlorite (NaOCl) in amounts shown below. Ordinarily liquid household laundry bleach contains this compound, usually at 5.25% strength. Add correct dose, mix thoroughly, and wait a thirty minutes. Treated water should have distinct chloride odor. If no chloride odor, add more bleach, mix and let stand for fifteen minutes.

DOSE OF 5.25% SOLUTION

QUANTITY OF WATER	CLEAR	CLOUDY
1 quart	2-3 drops	5 drops
1 gallon	10 drops	20 drops
5 gallon	1/2 teaspoon	1 teaspoon
1500 gallon	1 quart	2 quart

2. Add water purification tablets chlorine or iodine release according to label. Available at drugstores.

APPENDIX 8 TO ANNEX L CONTINUED

3. Other common chemicals which can be used for emergency disinfection are shown in attached table.

C. For dishwashing purposes

1. Chlorinate: add at least 50ppm of available chlorine at temperature not less than 75 degrees F. (50ppm = 50mg chlorine/liter water)
2. Iodine: at least 12.5ppm of available iodine in a solution not having a ph above 5.0 temperature of not less than 70 degrees F. (12.5ppm = 12.5mg chlorine/liter of water)

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER

Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
BK Powder (CL2)	50	1 t	2 gal	1 t	37 gal	Janitorial, hotel, restaurant, dairy and chemical supplies
Betadine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Household Ln. Bleach (CL2)	5.25	1 T	1 gal	1 T	20 gal	Grocery store
Iodine Tabs; Globaline Potable Aqua, etc.	-	-	-	2 tabs	1 qt	Drugstore, sporting good stores
HTH (CL2)	70	1 tab	4 gal	1 tab	85 gal	Janitorial, hotel, restaurant, dairy, & chemical supplies
Iobac (I2)	0.96	1 T	7 cups	1 T	4 gal	Janitorial, hotel, restaurant, dairy, chemical supplies
Betadine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Lugol's Soln. (I2)	5	1 t	5 cups	1 T	20 gal	Drugstore
Clairins (CL2) 06/15/92	24	1 t	5 gal	1 t	29 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Structure of I2	2	1 T	6 cups	1 T	3 gal	Drugstore

t = teaspoon T = tablespoon qt = quart gal = gallon

APPENDIX 8 TO ANNEX L CONTINUED

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
Wescodyne (I2)	1.6	1 T	5 cups	1 T	6 1/2 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Zonite (CL2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore

APPENDIX 8 TO ANNEX L

POSSIBLE EMERGENCY WATER STORES

Town of Addison Athletic Club.....484-2296
Indoor Swimming Pool at 3900 Beltway Drive

Loos Athletic Facility.....888-3194
Indoor Swimming Pool at 3815 Spring Valley

APPENDIX 9 TO ANNEX L

WASTEWATER EMERGENCIES

If the local sewage system becomes overloaded or if there are not enough toilet facilities to accommodate relocated people in their lodging areas, (Wastewater Manager) will need to improvise waste disposal latrines and other sanitation devices.

General considerations for improvised toilet facilities and waste disposal:

- select a site at least 100 yards from any food preparation area and 150 feet from the nearest water source.
- site should be accessible to users but away from lodging or residential areas.
- provide separate latrines for men and women and place canvas or other type of screen or tent around them.
- there should be enough latrine seats to accommodate from 8-12% of people at one time.
- prevent surface water from flowing into latrines by digging drainage ditches.
- control flies by spraying area with insecticides: spray latrine pit twice weekly; keep latrine area clean.
- install hand washing device and disinfecting solution near latrine area; keep supply of toilet paper in rainproof containers.
- when latrine pit becomes filled with waste to within one foot from the surface, close the latrine;
 - cover contents with minimum of two feet of earth and pack down firmly
 - spray the area with oil or insecticide
 - mound pit over with at least one foot of dirt and spray again
 - mark site "CLOSED LATRINE"



**Homeland Security Advisory System
Recommended Actions*
Businesses**

Red (Severe)

- Complete recommended actions at lower levels;
 - Listen to radio/TV for current information/instructions;
 - Be alert to suspicious activity and report it to proper authorities immediately;
 - Determine need to close business based on circumstances and in accordance with your written emergency plan;
 - Communicate business status with employees and business partners;
 - Be prepared to work with limited workforce at dispersed locations; and
 - Adhere to any travel restrictions announced.
-
- Complete recommended actions at lower levels;
 - Be alert to suspicious activity and report it to proper authorities;
 - Review emergency plan to include continuity of operations;
 - Designate public/employee information contact and provide up to date information as available;
 - Be prepared to address employee concerns about work place safety and security;
 - Determine security needs to restrict access to business or curtail access to critical portions of business;
 - Contact key business partners to confirm their emergency response plan procedures; and
 - If a need is announced, consider allowing employees to donate blood at designated blood collection centers.

- Complete recommended actions at lower levels;
- Be alert to suspicious activity and report it to proper authorities;
- Ensure disaster supply kit is stocked and ready;
- Check/update telephone numbers and e-mail addresses in your family emergency communication plan;
- If not known, contact your children's school to determine their emergency notification and evacuation plans; and
- Develop alternate routes to and from work/school and practice them.

Blue (Guarded)

- Complete recommended action at lower level;
- Be alert to suspicious activity and report it to proper authorities;
- Review stored disaster supplies and replace items that are outdated;
- Develop an emergency communication plan that all family members understand. Each family member should keep an updated copy of this plan; and
- Establish an alternate meeting place away from home with family/friends.

Green (Low)

- Take CPR/AED and first aid course;
- Develop a family disaster plan and disaster supply kit (The American Red Cross has resources to help you with a disaster plan and kit);
- Stay up to date on current events that relate to homeland security issues and discuss with all family members; and
- Keep important documents such as wills, insurance policies, birth certificates, banking records, etc. in an easy to find location.

* The information contained in this document has been gathered from various sources concerning homeland security and is believed to be timely. However, information on homeland security issues changes hourly. As a result, this information should not be used as the sole source for information concerning homeland security issues but only as a brief overview.

Addison!

Homeland Security Advisory System Recommended Actions* Family

Red (Severe)

- Complete recommended actions at lower levels;
 - Listen to radio/TV for current information/instructions;
 - Be alert to suspicious activity and report it to authorities immediately;
 - Contact businesses/schools to determine status of work/school day;
 - Adhere to any travel restrictions announced;
 - Be prepared to evacuate or shelter in place as directed; and
 - Discuss children's fears with them concerning possible/actual terrorist incidents.
-
- Complete recommended actions at lower levels;
 - Be alert to suspicious activity and report it to proper authorities;
 - Review family disaster plan with all family members;
 - Ensure communications plan is understood and practiced by all family members;
 - Exercise caution when traveling;
 - Understand evacuation routes or shelter in place procedures;
 - Be prepared to do without services you normally depend on that could be disrupted such as electricity, telephone, natural gas, gasoline pumps, cash registers, ATM machines, internet transactions, etc.;
 - Do not be afraid to move or leave your location if you feel uncomfortable or if something does not seem right;
 - If a need is announced, donate blood at designated blood collection centers; and
 - Check on neighbors, relatives, friends that have special needs and assist them as necessary.

- Complete recommended actions at lower levels;
- Be alert to suspicious activity and report it to proper authorities;
- Ensure disaster supplies kit is stocked and ready;
- Check/update telephone numbers and e-mails addresses in your personal communication plan; and
- Develop alternative routes to and from work/school and practice them.

Blue (Guarded)

- Complete recommended actions at lower level;
- Be alert to suspicious activity and report it to proper authorities;
- Review stored disaster supplies and replace items that are outdated; and
- Develop emergency communication plan with family/neighbors/friends.

Green (Low)

- Take CPR/AED and first aid course;
- Develop a personal disaster plan and disaster supplies kit (The American Red Cross has resources to help you with a disaster plan and kit);
- Stay up to date on current events that relate to homeland security issues; and
- Keep important documents such as wills, insurance policies, birth certificate, banking records, etc. in an easy to find location.

* The information contained in this document has been gathered from various sources concerning homeland security and is believed to be timely. However, information on homeland security issues changes hourly. As a result, this information should not be used as the sole source for information concerning homeland security issues but only as a brief overview.

Michael Murphy

From: William Harris
Sent: Thursday, February 13, 2009 9:58 AM
To: Michael Murphy
Cc: Noel Padden
Subject: Annex K, Public Works and Engineering

Cran Benke

cell phone
972-387-2650
972-573 1562

? MRC

Dear Mike,

These questions are in regards to the Public Works & Engineering Annex of the Addison Emergency Plan.

Does Addison have a local ordinance regarding the expedited demolition of structures that pose a threat to public health during emergency situations?

Does the engineering department have the capability to support damage assessment operations in the event of disaster?

What is the line of succession for Public Works?

1. Assistant Public Works Director
2. Assistant City Engineer
3. ???

A YES
DIRECTOR
ASST. DIR
ASST. CITY ENGR
STREET SUPPLY
WATER SUPPLY (SEE ATTACHED ORG CHART)

Based on the Utilities Annex, in a disaster there could be a conflict in the roles of individuals. Meaning, that while you acting as head of Public Works, the assistant PW Director could be head of Utilities. Some depth in this area is probably a good idea.

(SEE ATTACHED ORG CHART)

3 M

Local Landfill information.

- Name
- Address
- operated by
- est. capacity
- est. daily processing capacity
- normal operating schedule
- restrictions
- fees
- other

If you don't have the capacity information, I wouldn't worry about it. The name, address, fees and restrictions are the crucial information. If Addison has agreements with multiple landfills, please include those as well.

Temporary Debris Storage & Reduction sites.

In the event of a disaster, it may not be feasible to immediately truck all debris directly to the landfill, so a temporary holding area may need to be created. If this needed to be done, where would Addison do this?

- Name
- Address
- Site size (acres)
- Fenced?
- Road Access
- Neighbors
- Environmental concerns

The annex also contains worksheets for estimating Debris Quantity, Removal Times & Storage. I will leave these as they are unless you have your own documents you would prefer using.

Again, please don't hesitate to contact me with any questions.

Thanks for your help.

Will Harris
Emergency Management Intern
Addison Fire Department

APPENDICES TO ANNEX K

APPENDIX 1 Public Works Organizational Chart & Resource Inventory
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APPENDIX 2 Utility Personnel
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APPENDIX 3 Dallas County District # 1 Resource Inventory
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APPENDIX 4 Neighboring Cities Resource Inventory
..... Dallas, Carrollton, Farmers Branch, Richardson
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APPENDIX 5 Barricades and Rental Companies
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APPENDIX 6 Street Sweeping & Garbage Collection
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APPENDIX 7 Key Facilities
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APPENDIX 8 Communication Resources
..... Page 13

Michael Murphy

From: William Harris
Sent: Thursday, February 13, 2003 9:34 AM
To: Michael Murphy
Cc: Noel Padden
Subject: Annex L, Utilities

Mike-

As per our earlier discussion, the following is a list of questions regarding the organization and capabilities of your department.

Annex L, Utilities

The public utilities serving Addison.

Electric- TXU/Oncor
Water/Wastewater-??
Telephone-SBC?
Natural Gas-TXU

Handwritten: Jerry Davis is UTILITIES SUPERINTENDENT
Don Pelky is UTILITIES SUPERVISOR

Organizational Responsibilities:

Is there someone other than yourself that is a Supervisor over Water & Wastewater, and a Supervisor over Power? What are their titles?

Do you have maps of service areas for the local utilities? If so, please email me a copy. *(uploading)*

Do you have a Utility coordinator, that interfaces with the local utilities? If so, what is their title? This may be you.

What is the line of succession for the Utility coordinator?

- 1. Assistant Director ✓
- 2. ?? ✓
- 3. ?? ✓

Handwritten: All from EOC.

Do you have a critical facilities list? The list I've put together includes Addison's government offices, emergency response and utilities (pump stations). Are there any others? Telecommunications, cell towers, radio towers etc?

Of these facilities, how many have back up emergency generators? Of these that have generators do they power the entire facility or just a limited portion of it?

Do you have a utility service restoration priority list?

Of the facilities that have emergency generators, what information do you maintain about these generators? See the



**EMERGENC
RATOR FOR**

attached file.

I need to get the following for each of the local utilities Electric, Telephone, Water, Wastewater, Natural Gas.

Handwritten: STEVE

Utility Name:

Approximate number of local customers:

Service Area:

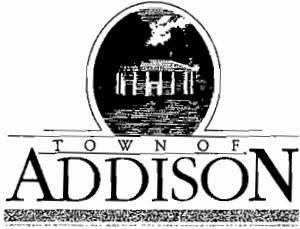
Major local facilities:

24-Hour emergency contact:

Contact phone & fax number:

I realize that this is a lot of information to ask for and much of it is redundant but in the event of an incident and the people or personnel that are in the know are not around, it could be a valuable resource.

Thanks for your help, please don't hesitate to contact me with any questions.



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

Via Fax 202-785-1845

February 18, 2003

US Environmental Protection Agency
Washington, D.C.

Attention: G. Tracy Mehan, III, Assistant Administrator

Gentlemen:

This is to request a copy of *Baseline Threat Information for Vulnerability Assessments of Community Water Systems*.

I have Internet access and my E-mail address is jpierce@ci.addison.tx.us

Thank you for your attention to this matter.

Very truly yours,

Town of Addison

James C. Pierce, Jr., P.E.
Assistant Public Works Director
Community Water System Manager

cc: Chris Terry, Assistant City Manager
Michael E. Murphy, P.E., Director of Public Works

Attachment

FAXED

The Town Of
Addison!
Fire Department

4798 Airport Parkway
Addison, TX 75001
(972) 450-7201 Office
(972) 450-7208 Fax

FAX COVER

To: Will
~~Mike Murphy~~

From: Mike
~~Will Harris~~

Fax: ~~972 450 7208~~ 2837 Pages: 2

Phone: _____ Date: 2-17-03

Re: _____ Cc: _____

MIKE
— PLEASE LOOK over the following page, Roll out
to FAX BACK to me.

Thanks, Will Harris

DAVE

Handwritten notes on the left margin:
11:00
J...
10:00
10:00
10:00
10:00
10:00

Handwritten list of names:

- 972
- ROB
- JEFF
- DAVID
- JAE
- J...I
- WILL
- JERRY
- DAVID
- WILL
- DAVE
- ...

WMD Response Levels by Discipline-Public Works

WMD Response Levels by Discipline Public Works		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
		21		
0	No training and equipment to react at any level to a WMD/CBRNE incident.		21	0
1	Able to respond and provide support for an emergency involving a WMD/CBRNE incident.		21	0
	Able to recognize the presence of a potential WMD/CBRNE incident.		21	0
	Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel.		21	0
	Know procedures for protecting a potential crime scene		21	0
2	Able to respond to releases or potential releases of WMD/CBRNE materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release.		21	0
	Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading.		21	0
	Possesses general knowledge of biological, nuclear/radiological, and chemical agents.		5	0
	Able to utilize limited personal protective equipment and basic detection equipment.		21	0
	Able to provide rescue and evacuation, basic life support functions, and provide emergency decontamination.		21	0
	Know and follow procedures for protecting a potential crime scene.		21	0
	Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the public works supervisor or manager. Be familiar with the full range of coordinating activities and duties of the public works agencies. Understand the Incident Command System and the Unified Command System.		5	3
	Know how to develop appropriate plans for actions to be taken by the public works agency when a WMD and hazardous materials incident occurs. Know how to coordinate plans with the on-scene incident commander. Know what steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander in bringing the incident to a successful conclusion.		5	0
	Know how to interface and integrate emergency support services and resources that will be needed (or are needed) among the Emergency Operations Center, the on-scene incident management team, and public works facilities and agencies. Be familiar with the coordination functions and procedures that are to be conducted by public works with the Emergency Operations Center to support on-scene emergency response activities		5	3
	3	Not applicable		
4	Not applicable			

Chapter 5 - Response Levels—Determining Desired and Current Response Levels

HP LaserJet 3200se



TOWN OF ADDISON
9724502837
FEB-17-2003 10:54

Fax Call Report

Job	Date	Time	Type	Identification	Duration	Pages	Result
281	2/17/2003	10:53:33	Send	7208	0:50	2	OK

p. 1

Feb 17 03 11:03a ADDISON FIRE DEPARTMENT 9724502837

FAX COVER

To: *Mike Murphy*

From: *Mike*

Fax: ~~972-450-2837~~ 2837

Pages: 2

Date: 2-17-03

Phone:

Cc:

Mike
Please look over the forward page, Bill of
Fax back to me.

Thomson, Mike/Murphy

ST WALL
JERRY
AL
ROB
STRAVE
LUKE
MINK
J.B.
EDGAR
DAVID
JOHN
JOE
ROBERT
JOE

The Town Of
Addison
Fire Department

4798 Airport Parkway
Addison, TX 75001
(972) 450-7201 Office
(972) 450-7208 Fax

EMERGENCY MANAGEMENT JOB DESCRIPTION

DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

Assignment: EOC

Reports to: Assistant City Manager

Supervises: Assistant Director of Public Works Director, Street Superintendent, *ASST CITY ENGR
& WATER UTILITIES SUPERINTENDENT.*

Responsibilities:

Preparation:

- Ensures preparation of staff to perform damage assessment and ascertain safety of remaining buildings
- Ensures preparation of staff to maintain all Town water, waste water and sanitation services
- Ensures preparation of staff to maintain and restore Town streets and bridges

Response:

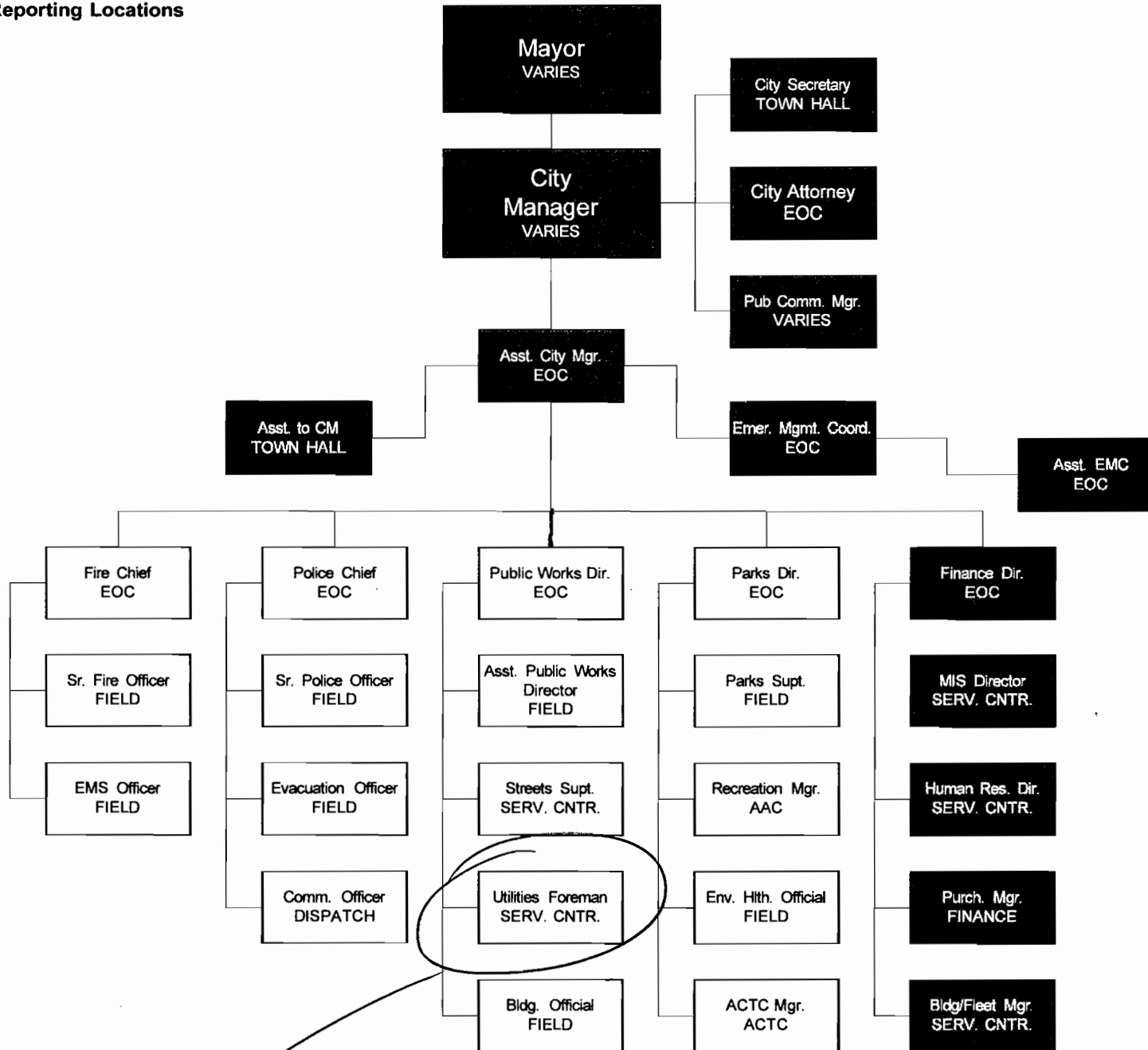
- Supervises restoration/maintenance of Town infrastructure
- Assists with search/rescue as required
- Assess damage to condemn structures in Town

Recovery:

- Perform cost of damage estimates and forward to Finance
- Maintain list of mitigation items for future events

Town of Addison

Organization for Emergencies
and Reporting Locations



ADMIN.
OPS.
SUPPORT

Change 5

PUBLIC WORKS EMPLOYEES-EMERGENCY CONTACT AFTER HRS. PD 9-450-7157-7158

James Brown – Animal Control Officer
5636 Spring Valley, #273
Dallas, TX 75240
972-866-8706 Home
972-500-0240 Pager, 214-906-2589 Mobile

Steve Chutchian-Betsy-Assistant City Engineer
1017 N.W. 7th Street
Grand Prairie, TX 75050
972-262-5931 Home
214-673-2518 Mobile
972-500-0335 Pager

Joel Pena Cruz – Operator II
2632 North Avenue
Plano, TX 75074
972-422-3040 Home
972-500-0330 Pager

Jerry Davis-Gina – Utilities Superintendent
105 Baird Circle.
Highland Village, TX 75077
972-317-1728 Home
972-500-0331 Pager
214-725-8096 Mobile

Al Dent-Alyssa - Streets Supervisor
5509 Sager
The Colony, TX 75056
972-625-0614 Home
972-500-0235 Pager
972-489-7370 Mobile

Sue Ellen Fairley-Department Secretary
303 Grace Lane
Terrell, TX 75160
1-972-563-4103 Home

Jose Flores-Sanjuana – Assistant PW Inspector
1213 Northside
Carrollton, TX 75006
972-446-2290 Home
972-500-0332 Pager
214-215-8569 Mobile

Paul Gilleland – Operator II
2500 Guerrero Street. #1223
Carrollton, TX 75006
972-245-9083 Home
972-356-0787 Pager

Edgar Horton-Ann - Operator II
3022 N. Josey, #114
Carrollton, TX 75007
972-394-7747 Home
972-500-0334 Pager

Luke Jalbert-Christi – Project Manager
2113 Meadfoot
Carrollton, TX 75007
214-850-3645 Mobile
972-939-0884 Home. 972-593-1589 Pager

John Jones-Sheila - Senior Maintenance
5048 Stanley
The Colony, TX 75056
972-625-5320 Home 972-500-0242 Pager

Robin Jones-Pat – Street Superintendent
410 Marilu
Richardson, TX 75080
972-690-9449 Home 972-500-0241 Pager
214-906-2161 Mobile

Phil Kagarice - Sr. Water Utility Operator
3721 Red Oak Trails
The Colony, TX 75056
972-624-1607 Home
972-839-2216 Mobile
972-661-3160 Office. 972-500-0314 Pager

Jeff King-Rita – Maintenance II
1609 Aldridge Drive
Plano, TX 75075
972-423-1586 Home
972-500-0243 Pager

Charles McElroy - Operator III
2718 Rochester
Dallas, TX 75215
214-375-8002 Home
972-500-0336 Pager

Robert McFarland - Operator II
3835 Aztec Trail
Wylie, TX 75098
972-442-2824 Home
972-500-0337 Pager

Charles Mitchell - Signal Technician
133 Eastwood Place
Lewisville, TX 75067
972-436-2834 Home
972-500-0244 Pager
214-906-2370 Mobile

Mike Murphy-Patti-Conner, Director of Public Works
2533 Lands End Drive
Carrollton, TX 75006
972-416-3900 Home
972-500-0338 Pager
214-215-5280 Mobile

Zach Nelson – Operator I
2525 Players Court, #1404
Dallas, TX 75287
972-307-0856 Home
972-593-7939 Pager

David Ogaz – Operator I
2631 Mountain View Drive
Farmers Branch, TX 75234
972-500-0343 Beeper, 214-437-5721 Cell

Ronald Pelky – Utilities Supervisor
2007 Cedarwood Dr.
Carrollton, TX 75007
972-446-8471 Home
972-500-0339 Pager
972-567-0060 Mobile

James C. Pierce, Jr.,-Margaret – Assist. Dir. of Public Works
6916 Echo Bluff
Dallas, TX 75248
972-489-4420 Mobile
972-233-0932 Home
972-500-0341 Pager

Dave Wilde-Kathy - Public Works Inspector
1711 Southampton
Carrollton, TX 75007
214-215-6528 Mobile
972-394-5845 Home. 972-500-0246 Pager

Streets Mobile Phone 972-489-7370
Utility Mobile Phone 972-489-7375
E. Entrance Gate Code, Celestial: 2871
Lift station gate code: 2873

APPENDIX 1 TO ANNEX K

PERSONNEL

Addison Street Division972/450-2841
 Superintendent
 Robin Jones972/450-2849

 Public Works Inspector.....972/450-2847
 DAVE WILDE
 Street Supervisor
 Al Dent.....972/450-2841

Police dispatch.....972/450-7157
 Home972/690-9449
 Pager214/839-1900
 Home
 Pager.....
 Home972/417-5870
 Pager214/835-7178

Five work persons

EQUIPMENT

Dump Trucks2
 Backhoe/loader1
 Chain saw.....5
 Compressor1
 Generators1
 Roller1
 Pick-ups3
 Barricades100
 Aerial Bucket Truck.....1

Six yard
 Case 580

PERSONNEL

Addison Utilities Dept.972/450-2871
 Foreman
 Keith Thompson.....972/450-2873
 Crew Leaders
 Jerry Davis972/450-2897
 Dave Wilde972/450-2872

Emergency.....972/450-7157
 Home972/245-9049
 Pager214/836-9799
 Home972/420-1119
 Pager214/833-4529
 Home972/394-5845
 Pager.....214/833-1872

Nine work persons

EQUIPMENT

Backhoe/Loader0
 Water Pump5
 Compressors.....1
 Generators2
 Concrete Mixer1
 Pick-ups5
 Barricades20
 Vactor.....1
 Dump Trucks2
 Crane Truck1

One-fourth yard
 3 yard

APPENDIX 1 TO ANNEX K

PERSONNEL

Addison Parks Dept.972/450-2851	Emergency972/450-7157
Director	
Slade Strickland972/450-2869	Home972/964-2536
	Pager214/833-1262
Parks Superintendent	
Ron Lee972/450-2863	Home972/492-8068
	Pager214/833-0958
Sixteen work persons, not including supervisors	

EQUIPMENT

Backhoe/Loader1	Case 680
Chain Saw3	
Generators1	
Pick-ups.....9	
Aerial Bucket Truck.....1	

APPENDIX 2 TO ANNEX K

TU ELECTRIC/LONE STAR GAS

TU ELECTRIC

Jeanne Hooker Office.....972-888-1302
 Home972-690-3663
 Pager214-359-0131
 Joel Porter Pager.....972-648-0755
 Home972-934-3409
 Line Locates800-658-2180
 Emergency972-791-2888
 Emergency800-233-2133
LONE STAR GAS
 Automated telephone service214-741-3750
 Emergency Repairs (24 hours)800-817-8090
 Line Locates800-344-8377

SOUTHWESTERN BELL

Emergency Repair (24 hours)800-286-8313
 Line locates800-344-8377

TRAFFIC SIGNAL

Consolidated Traffic Controls

Traffic Signal Hardware – Electronics, Heads, Controllers, etc.
 Office – Metro817/265-3421
 Jerry Priestler Home817/447-3785
 Pete Montigny Pager800/805-4799
 John Greenman Pager817-651-1443
 Jeff O'Brien Pager800-210-3161

Durable Specialties

Traffic Signals, Poles, Heads, Arms – Installation and Repair
 Office972/296-6324
 Jeff Bryan Home817/468-9991
 Mobile214/808-1056
 Francis Bishop Home972/775-3600
 Pager214/992-7018
 Larry Laske Home817/477-3052
 Mobile214/957-5095

Paradigm Traffic Systems, Inc.

Peek, Electronics, Controllers, etc.
 Office817/957-0878
 Office800/589-6205
 Mike Fiske Metro817/957-0878
 Keith Higgins Metro817/957-3886

North Texas Signal Systems

(Trucks, cranes, man lifts, equipment, and labor)
 (24 hour menu with pages)817-251-6877
 Rick Lopez Pager000/795-5031

Integrated Roadway Services, Inc.

David Mirtaheri Office214/352-1973
 Pager214/993/5336
 Pager214/397-2837

Sharrock Electric

Construction Equipment, Lifts, cranes, etc.
 Office – Metro 817/429-8502
 24 hour Emergency Metro 817/429-8502

Groves Electric

Bill (office) 972/446-8207
 (pager) 972/565-1631

Mel's Electric

Office 214/565-1074
 Johnny (pager) 972/204-2384
 (mobile) 214/354-1903

City of Carrollton

Signal Department 972/446-3606
 Richard Gurley 214/781-1856

RAILROAD CROSSING

Signal Arms Inspector 214/372-7465
 Section Leader
 Danny Fletcher 214/372-7401
 Tower Yard Master
 (24 hour) 214/372-7408
 Power Chief 402/636-1932

APPENDIX 3 TO ANNEX K
DALLAS COUNTY DISTRICT #1

PERSONNEL

Dispatch		
Mike Sharp.....	972/247-1735	Home.....972/304-0149
Tommy Norris.....		Home.....972/279-4280
Larry Morrisieft		Home.....972/642-5254

Twenty-five work persons

EQUIPMENT

Rubber Tire Loaders	1	3.75 yard bucket
Rubber Tire Loaders	1	1.25 yard bucket
Road Graders	3	
Track Loaders	1	3.75 yard bucket
Track Loaders	1	1.25 yard bucket
Dozer.....	1	
Sandspreader	3	
Dump Truck.....	7	Fourteen yard
Dump Truck.....	6	Eighteen yard

APPENDIX 4 TO ANNEX K

CITY OF DALLAS

EMERGENCY PREPAREDNESS

Director

William (Bill) S. Gross214/670-4275*
.....214/670-4700*

*This number will roll over to fire
dept. dispatch after hours.

CITY OF DALLAS STREET DEPARTMENT
NORTH DALLAS DISTRICT
(Preston Road West and Downtown Dallas North)

Street Department Dispatch ...
.....214/670-6006*

Emergency214/670-4397*
*This phone is answered

Street Supervisor
Michel S. Gonzales214/670-6006
District Manager
Darryl Fourte
Eighty work persons in area

EQUIPMENT

Gradealls1
Maintainers1
Rubber Tire Loader3
Rubber Tire Backhoe3
Gas Meters Trucks10
Dump Trucks

CITY OF DALLAS
SIGNAL OPERATIONS

PERSONNEL

Signal Damage/Trouble
Dispatch214/670-3287
Interim Director214/948-4200*
City Services214/670-5111
Assistant Director of Transportation
Sam Wilson214/670-4024*
Traffic Engineer
Ralph Grant214/670-3283*

* These numbers are answered
by Central dispatch after hours.

APPENDIX 4 TO ANNEX K

CARROLLTON

PERSONNEL

City of Carrollton		* After hours Service Center
Director of Public Works		
Tim Tumulty	972/466-3200	Emergency
Street/Drainage Manager		972/466-3425*
Donny Hampton.....	972/466-3480	Emergency
Sixty-five work persons		972/466-3425*

TRAFFIC SIGNALS

City of Carrollton
Signal Department972/446-3606
Richard Gurley.....214/781-1856 Pager

WATER DEPARTMENT

Water Superintendent		
Dudley Sinclair	972/466-3477	Emergency
76 work persons		972/466-3425*

EQUIPMENT

Rubber Tire Loaders	3	
Graders.....	1	
Dump Trucks	12	(6) 16 yard, (6) 8 yard
Sweeper power broom	1	
Backhoe/Loader	6	
4" Water Pump.....	6	
Chain saw.....	3	
Compressor	2	
Generators	4	
Concrete Mixer Truck.....	2	
Roller.....	1	
Concrete Breaker	2	
Pick-ups.....	20	
Barricades	50	
Sewer Jet Trucks	4	

APPENDIX 4 TO ANNEX K

FARMERS BRANCH

PERSONNEL

City of Farmers Branch.....972/919-2597*	Emergency972/247-3131
Director of Public Works.....	*Police Dept. answers after hours
Mark Pavageau	
Street Superintendent	
Shannon Chowning.....972/919-2615*	
Twenty-five work persons, not including supervisors (Street Division)	

EQUIPMENT

Rubber Tire Loaders2	Large
Graders.....1	
Dump Trucks3	Ten yard
Sweeper.....1	
Backhoe/Loader1	J.D. 410
4" Water Pump.....1	Large
Chain saw.....1	
Compressor2	
Generators2	Homelite
Concrete Mixer Truck.....1	Nine yard
Roller.....1	V.B
Concrete Breaker1	Badger
Loader1	Ford
Pick-ups.....12	
Barricades50	

WATER DEPARTMENT

Water Superintendent	
Roy Smallwood.....972/919-2613*	*Police department after hours

EQUIPMENT

SAME AS STREET DEPARTMENT

APPENDIX 4 TO ANNEX K

CITY OF RICHARDSON

- The Public Works Department 24-hour dispatch is located at their North side pump station. The address of the pump station is 1201 West Renner. 972/238-2238

PERSONNEL

Police Department.....972/238-3800	Emergency972/238-3800
Superintendent of Streets	
Charles Vessel.....972/238-4058*	24 hour dispatch...972/235-2238
Supervisor	
Ron Tower972-238-4059*	
Al Wittenback972/238-4068*	* These phones are answered by
Director of Public Service.....	public works dispatch after hours.
Clay Gooch972-238-4220*	

Forty-three work persons (Street Division)

EQUIPMENT

Barricades25 to 500	
Dump Trucks3	Fourteen yard
Dump Trucks9	Six yard
Backhoe Loader2	
Track Loader Dozer1	
Maintainer1	

WATER DEPARTMENT

Water & Sewer Superintendent	
Jim Keinhofer.....972-238-4092*	Emergency972/235-2238
Field Supervisors	
Rocky Glover	* This phone is answered by public
Steve Anderson	works dispatch after hours.

Fifty-five work persons (Water & Sewer Department)

EQUIPMENT

Dump Truck.....2	Six yard
Backhoe.....2	
Trackhoe1	
Hescoe Power Unit1	
Phenatoc Airpump for	
Diesel of gas.....1	

APPENDIX 5 TO ANNEX K
BARRICADES AND RENTAL COMPANIES

BARRICADES

Lectric Safety Lite 11577 Goodnight Lane Dallas, Texas	214/243-7272 8 a.m. – 5 p.m. 214/351-1994 after hours	Barricades, signs, portable arrow boards, barrels, traffic control devices, etc.
Dallas Lite & Barricades 1607 Fort Worth Ave. Dallas, Texas	214/748-5791 24 hours	Same as above
Plank 2655 Lombardy Dallas, Texas	214/357-4369 24 hours	Same as above, also shoring trench boxes, pumps and generators.

RENTAL EQUIPMENT

DARR Equipment 2000 E. Airport Freeway Irving, Texas	972/721-2000 24 hours	Loaders, crawlers, rubber tire and track, light plants, and generators.
Gaedcke 10205 N. Walton Walker Dallas, Texas	972/556-0005 24 hours	Various small equipment light plants
Strawn Rental 11010 Harry Hines Dallas, Texas	214/357-4301 7a.m. – 5:30 p.m.	All types of equipment, Chain saws, weed eaters, backhoes, air compressors, jackhammers
Arentco 14026 Harry Hines	214/620-1005 7:30 a.m. 5:30 p.m. 972/539-9340 (after 5 Steve Haag)	Same as above

APPENDIX 6 TO ANNEX K

STREET SWEEPING AND GARBAGE COLLECTION

Street Sweeping

Mr. Sweeper 972/688-4444
4710-C Don Drive
P.O. Box 560048
Dallas, Texas 75356-0048

David Franklin	972/368-3992 home
Mike Albert	972/987-1230 home
John Green	972/207-3005 mobile, Night Supervisor
Owen Parsons	817/543-6209 pager

Garbage Collection

Texas Waste Management 972/436-3512
P.O. Box 719
1601 Waste Management Blvd.
Lewisville, Texas 75067-0719

Dispatch	972/315-0700
	972/315-3377

APPENDIX 7 TO ANNEX K

KEY FACILITIES



Essential Operations and their locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75248

Law Enforcement Services

Addison Police Department
4798 Airport Parkway
Addison, Texas 75248

Dispatch office 972/450-7157
Supervisors office 972/450-7159

Fire Services

Addison Fire Station # 1
4798 Airport Parkway
Addison, Texas 75248
972/450-7201

Addison Fire Station # 2
3950 Beltway Drive
Addison, Texas 75248
972/450-7230

Public Work Services

Addison Service Center
16801 Westgrove
Addison, Texas 75248
972/450-2871

Utility Service

Surveyor Pump Station
15130 Surveyor Rd.
Addison, Texas 75244
972/991-9186

Celestial Pump Station
5510 Celestial Rd.
Addison, Texas 75240
972/726-6909

Addison Water Tower
15500 Julian St.
Addison, Texas 75248
972/458-8620

Kellway Lift Station
4245 Kellway Circle
Addison, Texas 75248
972/930-9841

APPENDIX 8 TO ANNEX K

COMMUNICATIONS RESOURCES

ADDISON TWO WAY RADIO INVENTORY

DEPARTMENT	BASE	VEHICLE	HANDHELD	MOBILE
Streets	1 Desktop	5	7	1
Utilities	3 Desktop	10	4	1
Parks & Recreation	2 Desktop	11	8	0
Building Inspection	1 Desktop	2	2	0
Environmental Health	0	2	0	0
Special Events	0	0	10	0

APPENDICES
FOR
ANNEX L

APPENDICES TO ANNEX L

Appendix 1..... Utilities Communication Network
..... Page 1

Appendix 2 Addison Public Works Personnel and Resources
.....Page 2, 3

Appendix 3..... Utilities ie.. Dallas Water, TU, Gas, Southwestern Bell
.....Page 4

Appendix 4Neighboring Cities Resource Inventory
..... Page 5, 6, 7

Appendix 5.....Barricades and Rental Companies
.....Page 8

Appendix 6..... Key Facilities
.....Page 9

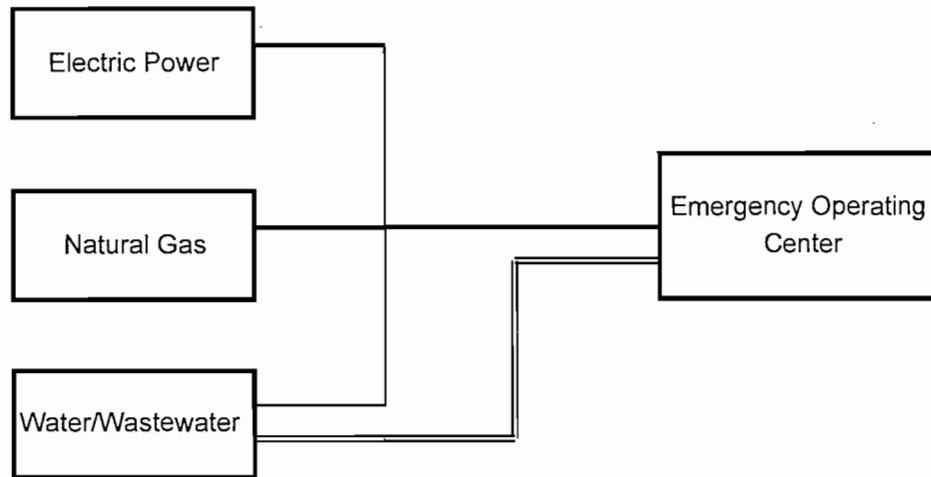
Appendix 7.....Communication Resources
.....Page 10

Appendix 8 Water Emergencies
..... Page 11, 12, 13, 14, 15

Appendix 9Wastewater Emergencies
.....Page 16

Appendix 1 to Annex L

Utilities Communication Network



LEGEND:

==== Radio

_____ Telephone

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Utilities Dept.972/450-2871
Foreman
Keith Thompson.....972/450-2873

Crew Leaders
Jerry Davis972/450-2897

Dave Wilde972/450-2872

Nine work persons

Emergency 972/450-7157

Home 972/245-9049
Pager 214/836-9799

Home 972/420-1119
Pager 214/833-4529
Home 972/394-5845
Pager 214/833-1872

EQUIPMENT

Backhoe/Loader0
Water Pump5
Compressors.....1
Generators2
Concrete Mixer1
Pick-ups5
Barricades20
Vactor.....1
Dump Trucks2
Crane Truck1

One-fourth yard

3 yard

PERSONNEL

Addison Street Division.....972/450-2841
Superintendent
Robin Jones.....972/450-2849
.....
Public Works Inspector.....972/450-2847

Street Supervisor
Al Dent.....972/450-2841

Five work persons

Police dispatch..... 972/450-7157

Home 972/690-9449
Pager 214/839-1900
Home
Pager

Home 972/417-5870
Pager 214/835-7178

EQUIPMENT

Dump Trucks2
Backhoe/loader1
Chain saw.....5
Compressor1
Generators1
Roller.....1
Pick-ups3
Barricades 100
Aerial Bucket Truck..... 1

Six yard
Case 580

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Parks Dept.972/450-2851
Director
Slade Strickland972/450-2869

Parks Superintendent
Ron Lee972/450-2863

Emergency972/450-7157

Home.....972/964-2536
Pager214/833-1262

Home.....972/492-8068
Pager214/833-0958

Sixteen work persons, not including supervisors

EQUIPMENT

Backhoe/Loader1
Chain Saw3
Generators1
Pick-ups.....9
Aerial Bucket Truck.....1

Case 680

APPENDIX 3 TO ANNEX L

TU ELECTRIC/LONE STAR GAS

TU ELECTRIC

Lifts, cranes, etc.

Jeanne Hooker Office972-888-1302
Home.....972-690-3663

8502

Pager214-359-0131

Joel Porter Pager972-648-0755

Home.....972-934-3409

Line Locates800-658-2180

Emergency972-791-2888

Emergency800-233-2133

LONE STAR GAS

Automated telephone service214-741-3750

Emergency Repairs (24 hours) .800-817-8090

Line Locates800-344-8377

SOUTHWESTERN BELL

Emergency Repair (24 hours)800-286-8313

Line locates800-344-8377

Telemetry 800-246-8064

Special Services214-268-1777

DALLAS WATER UTILITIES

Wholesale Services

- Phillip Boyd214-670-5887

Dallas water Operations 214-670-8064

GE TEAM CONTROL TELEMETRY

Day & night... 389-7700

Sharrock Electric

Construction Equipment,

Office – Metro817/429-8502
24 hour Emergency Metro817/429-

Groves Electric

Bill (office)972/446-8207

(pager)972/565-1631

Mel's Electric

Office214/565-1074

Johnny (pager)972/204-2384

(mobile).....214/354-1903

APPENDIX 4 TO ANNEX L

FARMERS BRANCH

PERSONNEL

City of Farmers Branch....972/919-2597*
Director of Public Works.....
Mark Pavageau

Emergency972/247-3131
*Police Dept. answers after hours

WATER DEPARTMENT

Water Superintendent
Roy Smallwood.....972/919-2613*

*Police department after hours

EQUIPMENT

Rubber Tire Loaders2
Graders.....1
Dump Trucks3
Sweeper.....1
Backhoe/Loader1
4" Water Pump.....1
Chain saw.....1
Compressor2
Generators2
Concrete Mixer Truck.....1
Roller.....1
Concrete Breaker1
Loader1
Pick-ups.....12
Barricades50

Large
Ten yard
J.D. 410
Large
Homelite
Nine yard
V.B
Badger
Ford

APPENDIX 4 TO ANNEX L

CARROLLTON

PERSONNEL

City of Carrollton	* After hours Service Center
Director of Public Works	
Tim Tumulty972/466-3200	Emergency972/466-3425*

WATER DEPARTMENT

Water Superintendent	
Dudley Sinclair972/466-3477	Emergency972/466-3425*
76 work persons	

EQUIPMENT

Rubber Tire Loaders3	
Graders1	
Dump Trucks12	(6) 16 yard, (6) 8 yard
Sweeper power broom1	
Backhoe/Loader6	
4" Water Pump6	
Chain saw3	
Compressor2	
Generators4	
Concrete Mixer Truck2	
Roller1	
Concrete Breaker2	
Pick-ups20	
Barricades50	
Sewer Jet Trucks4	

APPENDIX 4 TO ANNEX L

CITY OF RICHARDSON

- The Public Works Department 24-hour dispatch is located at their North side pump station. The address of the pump station is 1201 West Renner. 972/238-2238

PERSONNEL

Police Department.....972/238-3800	Emergency972/238-3800
* These phones are answered by Director of Public Service.....	public works dispatch after hours.
Clay Gooch972-238-4220*	

WATER DEPARTMENT

Water & Sewer Superintendent	
Jim Keinhofer.....972-238-4092*	Emergency972/235-2238
Field Supervisors	
Rocky Glover	* This phone is answered by public works dispatch after hours.
Steve Anderson	

Fifty-five work persons (Water & Sewer Department)

EQUIPMENT

Dump Truck.....2	six yard
Backhoe.....2	
Trackhoe1	
Hescoe Power Unit1	
Phenatoc Airpump for Diesel of gas.....1	

EQUIPMENT

Barricades25 to 500	
Dump Trucks3	fourteen yard
Dump Trucks9	six yard
Backhoe Loader2	
Track Loader Dozer1	
Maintainer1	

APPENDIX 5 TO ANNEX L

BARRICADES AND RENTAL COMPANIES

BARRICADES

Lectric Safety Lite 11577 Goodnight Lane Dallas, Texas	214/243-7272 8 a.m. – 5 p.m. 214/351-1994 after hours	Barricades, signs, portable arrow boards, barrels, traffic control devices, etc.
Dallas Lite & Barricades 1607 Fort Worth Ave. Dallas, Texas	214/748-5791 24 hours	Same as above
Plank 2655 Lombardy Dallas, Texas	214/357-4369 24 hours	Same as above, also shoring trench boxes, pumps and generators.

RENTAL EQUIPMENT

DARR Equipment 2000 E. Airport Freeway Irving, Texas	972/721-2000 24 hours	Loaders, crawlers, rubber tire and track, light plants, and generators.
Gaedcke 10205 N. Walton Walker Dallas, Texas	972/556-0005 24 hours	Various small equipment light plants
Strawn Rental 11010 Harry Hines Dallas, Texas	214/357-4301 7a.m. – 5:30 p.m.	All types of equipment, Chain saws, weed eaters, backhoes, air compressors, jackhammers
Arentco 14026 Harry Hines	214/620-1005 7:30 a.m. 5:30 p.m. 972/539-9340 (after 5 Steve Haag)	Same as above

ROBIN

APPENDIX 6 TO ANNEX L

KEY FACILITIES

Essential Operations and their locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75248

Law Enforcement Services

Addison Police Department
4798 Airport Parkway
Addison, Texas 75248

Dispatch office 972/450-7157
Supervisors office 972/450-7159

Fire Services

Addison Fire Station # 1
4798 Airport Parkway
Addison, Texas 75248

972/450-7201

Addison Fire Station # 2
3950 Beltway Drive
Addison, Texas 75248

972/450-7230

Public Work Services

Addison Service Center
16801 Westgrove
Addison, Texas 75248

972/450-2871

Utility Service

Surveyor Pump Station
15130 Surveyor Rd.
Addison, Texas 75244

972/991-9186

Celestial Pump Station
5510 Celestial Rd.
Addison, Texas 75240

972/726-6909

Addison Water Tower
15500 Julian St.
Addison, Texas 75248

972/458-8620

Kellway Lift Station
4245 Kellway Circle
Addison, Texas 75248

972/930-9841

APPENDIX 8 TO ANNEX L

WATER EMERGENCIES

CURTAILMENT OF LOCAL USE OF WATER

In case of water shortage, local use can be curtailed by the series of steps listed below. During a water shortage, supplies of water should be denied to users in the following order:

Parks and playgrounds, swimming pools, and ornamental fountains, car washing or landscape sprinkling

Air conditioning using water

Commercial and industrial concerns engaged in non-essential or luxury-type activities or production

Single family residences

Multi-family residences, duplexes, etc.

Group housing, apartments, hotels, and motels

Fire protection

PRIORITY ON LOCAL USE OF WATER

In case of water shortage, the following users should have preference for water service or restoration of service. These facilities are not listed in order of priority, but each should be considered based upon community needs.

Hospitals and emergency hospitals, doctors' offices and clinics

Emergency shelters and community facilities for displaced persons

Water dispensing stations

Dairy processing plants

Food production, processing and storing

Refineries, petroleum and petroleum products

Control centers (EOC, police, fire, other utilities)

Communication originating stations

Transportation centers

Fire protection

Group housing, apartments, hotels and motels

APPENDIX 8 TO ANNEX L CONTINUED

MINIMUM WATER REQUIREMENTS PER PERSON/DAY:

(Minimum Range)

Hospital and other medical facilities	5-25 gallons/patient/day
Mass-care centers	
Lodging and emergency feeding	5-15 gallons/person/day
Lodging centers-drinking	2 gallons/person/day
Lodging center with flush-toilet facilities - drinking, feeding and sanitary uses	25 gallons/person/day
Mass-feeding stations - cooking and sanitation	3-10 gallons/person/day
Households	5-15 gallons/person/day
Drinking, cooking and sanitation	
With operative flush-toilet facilities	25 gallons/person/day

METHODS OF EMERGENCY WATER DISINFECTION

- A. For small amounts of water
 1. Boil two or three minutes.
 2. Add three drops of ordinary household two percent tincture of iodine to one quart clear water, wait one hour. Add six drops for cloudy water.
- B. For large or small amounts of water
 1. Add sodium hypochlorite (NaHOCl) in amounts shown below. Ordinarily liquid household laundry bleach contains this compound, usually at 5.25% strength. Add correct dose, mix thoroughly, and wait a thirty minutes. Treated water should have distinct chloride odor. If no chloride odor, add more bleach, mix and let stand for fifteen minutes.

DOSE OF 5.25% SOLUTION

QUANTITY OF WATER	CLEAR	CLOUDY
1 quart	2-3 drops	5 drops
1 gallon	10 drops	20 drops
5 gallon	1/2 teaspoon	1 teaspoon
1500 gallon	1 quart	2 quart

2. Add water purification tablets (chlorine or iodine release) according to label. Available at drugstores.

APPENDIX 8 TO ANNEX L CONTINUED

3. Other common chemicals which can be used for emergency disinfection are shown in attached table.

C. For dishwashing purposes

1. Chlorinate: add at least 50ppm of available chlorine at temperature not less than 75 degrees F. (50ppm = 50mg chlorine/liter water)

2. Iodine: at least 12.5ppm of available iodine in a solution not having a ph above 5.0 temperature of not less than 70 degrees F. (12.5ppm = 12.5mg chlorine/liter of water)

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER

Product	Approximate Percentage Available CL2 or I2	to Give 200 ppm CL2 or I2 for Food Utensil Disinfection		to Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
BK Powder (CL2)	50	1 t	2 gal	1 t	37 gal	Janitorial, hotel, restaurant, dairy and chemical supplies
Betadine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Household Ln. Bleach (CL2)	5.25	1 T	1 gal	1 T	20 gal	Grocery store
Iodine Tabs; Globaline Potable Aqua, etc.	-	-	-	2 tabs	1 qt	Drugstore, sporting good stores
HTH (CL2)	70	1 tab	4 gal	1 tab	85 gal	Janitorial, hotel, restaurant, dairy, & chemical supplies
Iobac (I2)	0.96	1 T	7 cups	1 T	4 gal	Janitorial, hotel, restaurant, dairy, chemical supplies
Iodine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Lugol's Soln. (I2)	5	1 t	5 cups	1 T	20 gal	Drugstore
Clair's (CL2) 06/15/92	24	1 t	5 qt	1 t	29 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Structure of I2	2	1 T	6 cups	1 T	3 gal	Drugstore

t = teaspoon T = tablespoon qt = quart gal = gallon

APPENDIX 8 TO ANNEX L CONTINUED

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
Wescodyne (I2)	1.6	1 T	5 cups	1 T	6 1/2 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Zonite (CL2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore

APPENDIX 8 TO ANNEX L

POSSIBLE EMERGENCY WATER STORES

Town of Addison Athletic Club.....484-2296
Indoor Swimming Pool at 3900 Beltway Drive

Loos Athletic Facility.....888-3194
Indoor Swimming Pool at 3815 Spring Valley

APPENDIX 9 TO ANNEX L

WASTEWATER EMERGENCIES

If the local sewage system becomes overloaded or if there are not enough toilet facilities to accommodate relocated people in their lodging areas, (Wastewater Manager) will need to improvise waste disposal latrines and other sanitation devices.

General considerations for improvised toilet facilities and waste disposal:

- select a site at least 100 yards from any food preparation area and 150 feet from the nearest water source.
- site should be accessible to users but away from lodging or residential areas.
- provide separate latrines for men and women and place canvas or other type of screen or tent around them.
- there should be enough latrine seats to accommodate from 8-12% of people at one time.
- prevent surface water from flowing into latrines by digging drainage ditches.
- control flies by spraying area with insecticides; spray latrine pit twice weekly; keep latrine area clean.
- install hand washing device and disinfecting solution near latrine area; keep supply of toilet paper in rainproof containers.
- when latrine pit becomes filled with waste to within one foot from the surface, close the latrine;
 - cover contents with minimum of two feet of earth and pack down firmly
 - spray the area with oil or insecticide
 - mound pit over with at least one foot of dirt and spray again
 - mark site "CLOSED LATRINE"

APPENDIX 1 TO ANNEX J
DISASTER SUMMARY OUTLINE

DATE: _____

I. LOCATION: _____

II. TYPE OF DISASTER: _____

III. INCLUSIVE DATES DISASTER OCCURRED: _____

IV. CASUALTIES:

A. Fatalities: _____

B. Injuries: _____

C. Hospitalized: _____

V. RESIDENTIAL AND BUSINESS LOSSES

A. All dollar amounts should be expressed in CURRENT repair or replacement costs.

B. Coordinate data gathering with Red Cross, local insurance, etc.

C. Homes

1. Destroyed _____

2. Damaged _____

3. Average Repair Cost per Home \$ _____

4. % of Homes Covered by Insurance _____

D. Apartments

1. Destroyed _____

2. Damaged _____

3. Average Repair Cost per Home \$ _____

4. % of Homes Covered by Insurance _____

E. Businesses

1. Destroyed _____

- 2. Damaged _____
- 3. Average Repair Cost per Business \$ _____
- 4. % of Businesses Covered by Insurance _____

VI. ESTIMATED DAMAGE TO SCHOOLS

A. Coordinate with School District and Private School Owners.

	<u>Number Schools</u>	<u>Amount Damage</u>	<u>% Covered By Insurance</u>
1. Kindergarten	_____	_____	_____
2. Private (Elementary, Jr. High, etc.)	_____	_____	_____
3. Public (Loos Field, Facility)	_____	_____	_____
4. Other Private Schools	_____	_____	_____

VII. ESTIMATED NUMBER OF PERSONS UNEMPLOYED BECAUSE OF THIS DISASTER:

VII. ESTIMATED NUMBER OF PERSONS WHOSE SITUATION WILL BE COMPLETELY SATISFIED THROUGH THE RED CROSS:

IX. PUBLIC PROPERTY DAMAGE ESTIMATES

A. Coordinate with your engineers, departments, etc., City facilities only:

- 1. Debris Clearance \$ _____
- 2. Public Health/Protective Measures \$ _____
- 3. Road and Street Systems \$ _____
- 4. Dikes, Levees and Drainage Systems \$ _____
- 5. Buildings and Related Equipment \$ _____
- 6. Utilities \$ _____
- 7. Facilities under Construction \$ _____

8. Private Non-Profit Facilities \$ _____

9. Other (Recreational Facilities, etc.) \$ _____

TOTAL PUBLIC PROPERTY DAMAGE: \$ _____

X. TOTAL DOLLAR VALUE OF LOCAL GOVERNMENT EFFORTS WHICH
HAVE BEEN WILL BE CREDITED TO THIS DISASTER AND WHICH
WILL NOT BE CLAIMED: _____

I certify that the damages occurred during this disaster are
of such severity and magnitude that effective response is
beyond the capability of the Town of Addison, Texas and that
additional assistance is necessary.

DATE _____

MAYOR OF THE TOWN OF
ADDISON, TEXAS

INSTRUCTIONS FOR COMPLETING DISASTER SUMMARY OUTLINE

NOTE: All dollar amounts should be expressed in CURRENT repair or replacement costs.

SECTION I: Self-explanatory

SECTION II: Self-explanatory

SECTION III: Self-explanatory

SECTION IV: Self-explanatory

SECTION V: Report figures for the three (3) categories listed in this Section by filling in ALL the blanks provided.

EXAMPLE:

A. Homes

1. Destroyed	<u>0</u>
2. Damaged	<u>0</u>
3. Average Repair Cost per Home	\$ <u>0.00</u>
4. % of Homes Covered by Insurance	<u>0%</u>

SECTION VI: Self-explanatory

SECTION VII: Provide figures based on best information available

SECTION VIII: Provide figures based on best information available

SECTION IX:

A. Debris Clearance - Estimate cost of debris removal necessary to restore public health and safety.

B. Public Health/Protective Measures - Estimate costs incurred in protection public health and safety (e.g., Police and Fire Department activities in setting up barricade, preventing looting and sandbagging).

- C. Road and Street Systems - Estimate costs of restoring roads, streets and bridges to pre-disaster conditions.
- D. Dikes, Levees and Drainage Systems - Estimate costs to restore these facilities to pre-disaster conditions.
- E. Buildings and Related Equipment - Estimate costs to restore city buildings and conditions to pre-disaster conditions. Include repair costs for vehicles damaged in disaster.
- F. Utilities- Estimate cost to repair damage to publicly owned facilities including water, electric, gas and sewage plants.
- G. Facilities under Construction - Indicate damage estimate.
- H. Private Non-Profit Facilities - Estimate damages to educational, utility, medical, emergency and custodial facilities.
- I. Other - Estimate damages to parks and recreational facilities.

SECTION X: Self-explanatory

**INSTRUCTIONS FOR COMPLETING
STATISTICAL AND COST REPORT OF DISASTER OPERATION (FORM 2066)**

The *Statistical and Cost Report of Disaster Operation* (Form 2066) is the primary tool for recording and reporting information on the nature and scope of a disaster, the impact on victims, Red Cross assistance required, and the anticipated costs associated with providing the needed assistance.

The initial report is required within 24 hours of the occurrence, unless an extension to 48 hours has been granted. The second report is required no later than 5 days after the first report. The third report is required within 15 days after the first report. For Level IV and V operations, a final report is required within 30 days after the first report. For detailed instructions, see *Administrative Regulations* (ARC 3003) and *Disaster Operations Management* (ARC 3015).

The report should be typewritten. A computer-generated report is acceptable only if it follows exactly the format and content of the printed report.

Subject Headings:

Estimate. Check the first, second, third, or final box, as appropriate. If a revision of a current report is submitted, check "other" and indicate the nature of the report, e.g., "3rd Revised."

Level. Enter the level of the operation in Roman numerals. The level must reflect the highest estimated impact of the operation—the level at which the operation will be staffed.

OHQ. Enter EOH, MOH, or WOH for the operations headquarters jurisdiction.

FY. Enter the fiscal year in which the disaster occurred, using full year.

Admin. By. Enter either the initials of the operations headquarters if administered by an operations headquarters or "NHQ" if the operation is administered by national headquarters. Enter the five-digit chapter code if the operation is administered by a chapter.

Act'g. By. Enter "NHQ" if accounting will be done by the national disaster accounting office or the five-digit chapter code if the accounting will be done by a chapter.

Page. Indicate the page number and the number of pages contained in the total report.

DR No. Enter the three-digit disaster relief number assigned by national headquarters.

Name of Operation. Enter the official name of the operation established when the DR number was issued.

Date of Disaster. Enter the date the disaster occurred.

Type of Disaster. Indicate the primary cause of the disaster.

Disaster Area. If the disaster affects more than one chapter, reserve the first column for the consolidated totals for the entire operation, and enter the word "Consolidated" in the first column. For multichapter disasters, the official name and the five-digit chapter code of each affected chapter is entered in subsequent columns. If more chapters are affected than will fit on a single page, use additional pages of the form and indicate appropriate page numbers at the top of each form.

Data Elements:

- 01-03 Casualties verified by Disaster Health Services
- 04-06 Damage assessment data for single-family dwellings
- 07-09 Damage assessment data for mobile homes
- 10-12 Damage assessment data for multifamily dwellings such as apartments, hotels, condominiums, etc.
- 13 Total of Lines 04 through 12
- 14 Estimated percentage of units with applicable insurance for the structure
- 15 Estimated percentage of units that are owner-occupied
- 16 Number of service centers opened or expected to be opened
- 17 Number of families expected to apply for assistance
- 18 Number of families expected to receive financial assistance
- 19-23 Estimated final costs of each expense classification for emergency assistance
- 24 Total of Lines 19 through 23
- 25 Total number of shelters opened or expected to be opened
- 26 Total number of individuals sheltered or expected to be sheltered
- 27 Total number of mass care meals served or expected to be served
- 28 Estimated final cost of mass care expense classification
- 29 Total of Line 24 and Line 28
- 30-32 Estimated final cost for the expense classification of administration (7), service (8), and fund raising (9)
- 33 Total of Lines 30 through 32
- 34 Total of Line 29 and Line 33
- 35 Estimated final cost of additional assistance for expense classifications 2 through 6
- 36 Estimated final cost of additional assistance for expense classifications 7, 8, and 9
- 37 Total of Lines 34 through 36

Signature Lines:

Date Prepared. Enter the date prepared. Have document signed by responsible official. Enter typed or printed full name of signer and the signer's title.

Approved By. This second signature line is for operations headquarters and national headquarters use only. For each office, enter the signature of the official who reviewed and approved the report and the date approved.

American Red Cross

STATISTICAL AND COST REPORT OF DISASTER OPERATION

ESTIMATE: 1st 2nd 3rd Final

Page _____ of _____ Pages

Other _____ Other _____

Level	OHQ	FY	Admin By	Act'g By
-------	-----	----	----------	----------

Name of Operation	Date of Disaster	Type of Disaster
-------------------	------------------	------------------

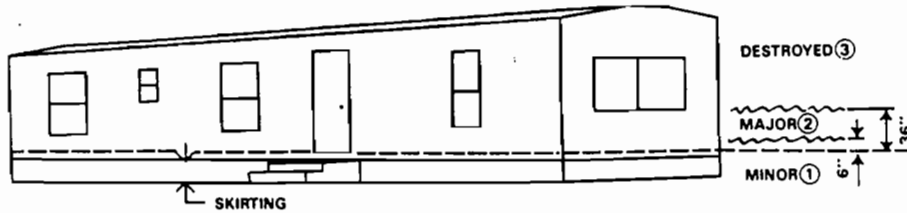
DISASTER AREA			Name ▶					
			Chapter Code ▶					
L O S S E S	Disaster Casualties	Dead	01					
		Hospitalized	02					
		Treated and Released	03					
	Single Family Dwellings	Destroyed	04					
		Major Damage	05					
		Minor Damage	06					
	Mobile Homes	Destroyed	07					
		Major Damage	08					
		Minor Damage	09					
	Multi-Family Units	Destroyed	10					
		Major Damage	11					
		Minor Damage	12					
	TOTAL UNITS AFFECTED			13				
	Estimated % of Units Insured			14				
	Estimated % of Units Owner Occupied			15				
A S S I S T A N C E	Emergency Assistance to Individuals and Families	No. Service Centers Opened	16					
		No. Families Applying	17					
		No. Families Assisted	18					
		Cost – FC&M Class 2	19					
		Cost – B&R Class 3	20					
		Cost – HHF Class 4	21					
		Cost – M&N Class 5	22					
	COST OF EMERGENCY ASSISTANCE			24				
	Emergency Mass Care for Victims and Workers	No. Shelters Opened	25					
		No. Persons Sheltered	26					
		No. Meals Served	27					
		Cost – EMC Class 1	28					
COST OF ALL DIRECT RELIEF			29					
Administrative, Service, and Fund Raising	Cost – Adm. Class 7	30						
	Cost – Svc. Class 8	31						
	Cost – FR Class 9	32						
COST OF ADMINISTERING RELIEF			33					
TOTAL COST OF EMERGENCY OPERATIONS			34					
Additional Assistance Relief Cost			35					
Add. Asst. Admin./Service/Fund-Raising Cost			36					
TOTAL COST OF FULL RELIEF OPERATION			37					

Date Prepared	Signature	Typed Name	Title
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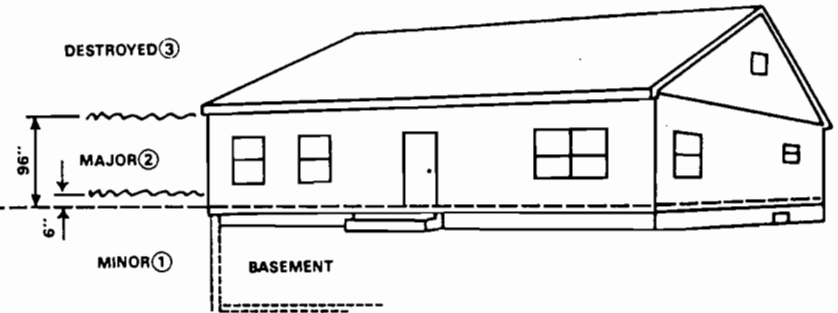
APPROVED BY:	OHQ Signature	Date	NHQ Signature	Date
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Type of Disaster		<input type="checkbox"/> Flood				Date	State	County	City	Street Name			
<input type="checkbox"/> Flash Flood		<input type="checkbox"/> Fire		<input type="checkbox"/> Hurricane									
<input type="checkbox"/> Earthquake		<input type="checkbox"/> Tornado		<input type="checkbox"/> Other _____									
Svc. Ctr. Use: Case Number	Street Number	Bldg. Damage				NAME OF FAMILY	Water Depth (Inches)	No. of Floor Levels	Contents Damage			DESCRIPTION OF DAMAGE	Type of Use*
		3	2	1	0				3	2	1		
S													Area Comments (Type of construction, age of homes, utility outages, accessibility, unique characteristics, health problems, etc.):
M													
A													
TOTAL This Page													
B													
P													
S = SINGLE-FAMILY DWELLING		M = MOBILE HOME		A = APARTMENT		B = BUSINESS		P = PUBLIC BUILDING		CONTENTS TOTAL			*Type of use, other than PRIMARY unit: Seas (seasonal), W (weekend), C (cabin), TT (travel trailer), etc.
3 = DESTROYED (Not Repairable)		2 = MAJOR (Needs Repair)		1 = MINOR (Habitable)		0 = NO DAMAGE		Use appropriate letter in Bldg. Damage box to indicate type of unit and degree of damage.			Chapter Code Chapter Name Worker's Name (Print) Sup. Init.		
Check (✓) appropriate Contents Damage box to indicate degree of damage to contents.													

MOBILE HOME "M"



SINGLE-FAMILY DWELLING "S" or APARTMENT "A"



FLOOD AND FLASH FLOOD DAMAGE

Guide for Determining Water Depths

- Brick: 2½ inches per course
- Concrete or cinder block: 8 inches per course
- Lap or aluminum siding: 4 inches or 8 inches
- Door knobs: 36 inches above floor
- Stair risers: 7 inches
- Standard doors: 80 inches high

Damage to Look for and Note

- | | |
|---|--------------------|
| Structural damage | Broken windows |
| Foundation damage | Predisaster damage |
| Floating or shifting on or off foundation | Sewage backup |
| Wall penetrations | Utility outage |

HURRICANE, TORNADO, THUNDERSTORM, AND HAIL DAMAGE

Structural Damage

- | | |
|-------------------------------|-------------------|
| Shifting on or off foundation | Roof collapse |
| Wall collapse | Roof truss damage |
| Wall bowed in or out | Total collapse |

Other Damage

- | | |
|---|---------------------------|
| Roof penetrations | Wall penetrations |
| Percent of roof shingles missing or damaged | Percent of windows broken |
| Percent of siding missing or damaged | Chimney collapse |
| | Utility outage |

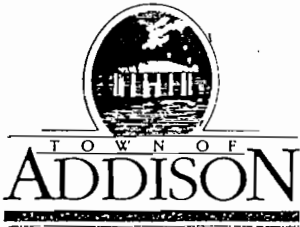
Water Damage (Wind-Driven Rain or Hail)

- Plaster or paneling on walls and ceilings
- Insulation
- Flooring
- Furniture
- Appliances

EARTHQUAKE

- | | | |
|-------------------|-----------------|---------------------|
| Structural damage | Fire | Interior demolition |
| Foundation damage | Piping ruptures | Utility outage |

MAP OR ADDITIONAL INFORMATION



FIRE DEPARTMENT

Post Office Box 144 Addison, Texas 75001

(214) 450-7200 FAX (214) 450-7208

4798 Airport Parkway

MEMORANDUM

March 28, 1997

TO: *Weather Advisory Recipients*
FROM: *Gordon C. Robbins, Dep. Fire Chief*
SUBJECT: *Severe weather warnings via pager*

Gordon

Now that Spring has arrived I wanted to remind and update all of you on our pager procedures for notification of weather and large emergencies:

1) **TESTING**

The first Wednesday of every month at 1:00 PM the Communication Division of the Police Department tests our pages by entering "1234". Please take a moment, mark your calendar, and make sure you receive the test page on April 2nd. If you do not, please contact me at ext. 7220 and we'll make sure the problem is corrected.

2) **SEVERE WEATHER**

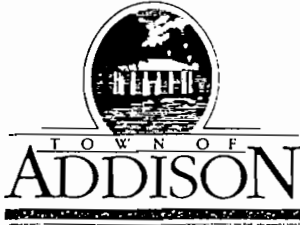
Alerts will only be transmitted in the event tornado or severe thunderstorm warnings are issued by the National Weather Service. The code for **thunderstorm warning** is "333". The code for **tornado warning** is "222". If you receive either of these two messages on your pager, simply be aware that Addison is in the path of severe weather and you may be called to respond in the event of damage or in accordance with your department's severe weather procedures.

3) **EOC ACTIVATION**

If a large scale emergency of any kind occurs in Addison the code for **activation of the Emergency Operation Center** is "888". If you receive this message on your pager, respond immediately in accordance with your department's procedures in Addison's Emergency Management Plan.

Thanks for your attention to this matter. If you have any questions please contact me at ext. 7220.

*custom
cellular*



FIRE DEPARTMENT

Post Office Box 144 Addison, Texas 75001

(214) 450-7200 FAX (214) 450-7208

4798 Airport Parkway

MEMORANDUM

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Thanks for your attention to this matter. If you have any questions please contact me at ext. 7220.

EMERGENCY MANAGEMENT JOB DESCRIPTION

DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

Assignment: EOC

Reports to: Assistant City Manager

Supervises: Assistant Director of Public Works Director, Street Superintendent

Responsibilities:

Preparation:

- Ensures preparation of staff to perform damage assessment and ascertain safety of remaining buildings
- Ensures preparation of staff to maintain all Town water, waste water and sanitation services
- Ensures preparation of staff to maintain and restore Town streets and bridges

Response:

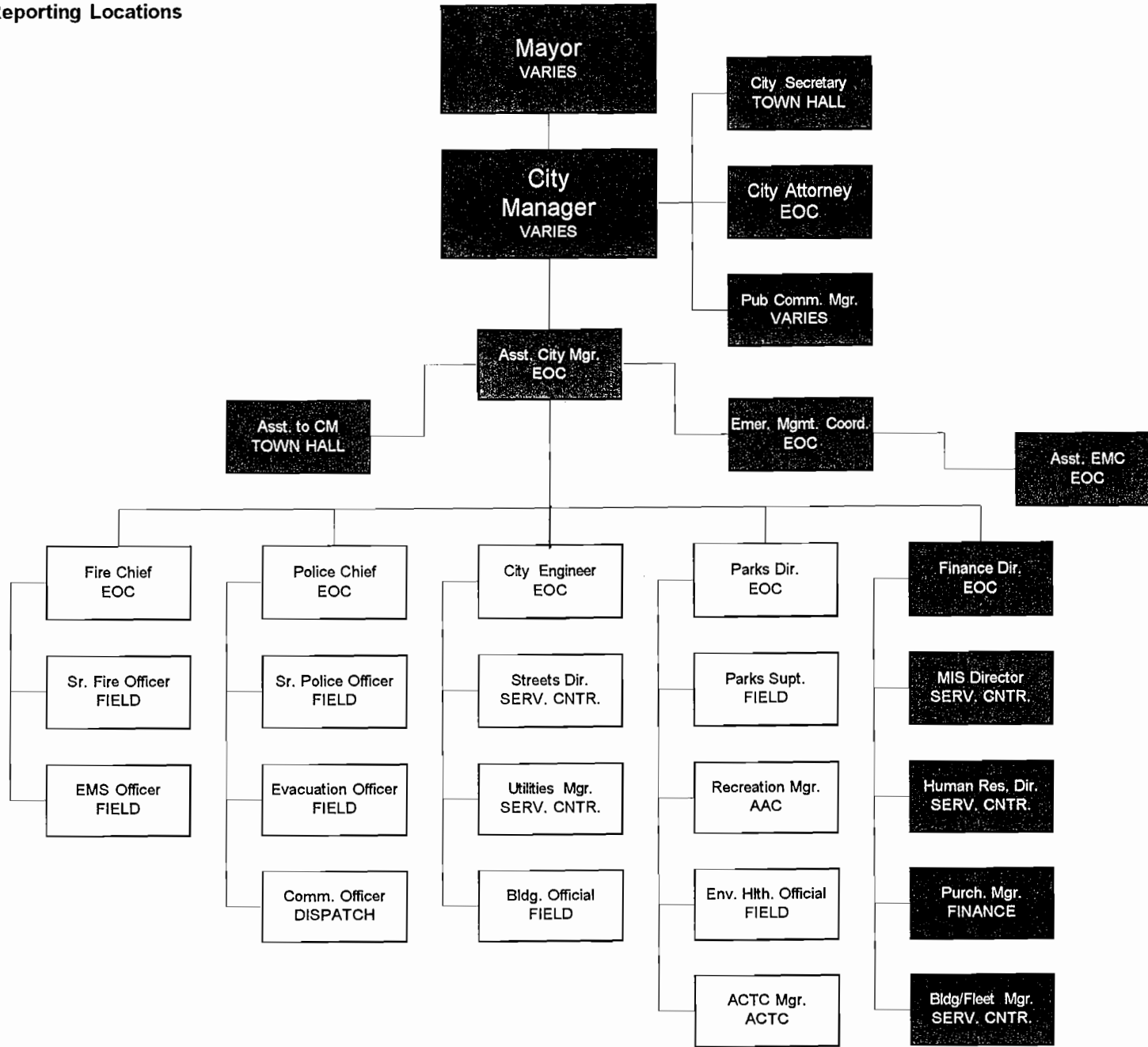
- Supervises restoration/maintenance of Town infrastructure
- Assists with search/rescue as required
- Assess damage to condemn structures in Town

Recovery:

- Perform cost of damage estimates and forward to Finance
- Maintain list of mitigation items for future events

Town of Addison

Organization for Emergencies and Reporting Locations



ADMIN.

OPS.

SUPPORT

**TOWN OF ADDISON PUBLIC WORKS
EMPLOYEES**

John Baumgartner - Director of Public Works

17736 Knoll Meadow
Dallas, TX 75287
972/306-2421 Home
972/489-4420 Mobile
972/835-5169 Pager

Jerry Davis - Utility Crew Leader

1778 Circle Creek Dr.
Lewisville, TX 75067
972/420-1119 Home
214/833-4529 Pager

Al Dent - Streets Crew Leader

2512 Incline Dr.
Carrollton, Texas 75006
972/417-5870 Home
835-7178 Pager

Jose Flores - Equipment Operator

1213 Northside
Carrollton, Texas 75006
972/323-9103 Home
214/897-1524 Pager

Don Gibson - Animal Control Officer

1820 E. Peters Colony #4703
Carrollton, Texas 75007
972/394-7665 Home
214/848-2740 Pager

Randy Harrison - Operator I

2714 Hawthorne #160
Dallas, Texas 75219
214/522-0244 Home
214/833-0934

Tim Hastings - Operator I

1122 Wood Heights Dr.
Lewisville, Texas 75067
972/221-0128 Home
214/897-1519 Pager

Alyssa Hernandez - Department Secretary

5509 Sager
The Colony, Texas 75056
972/625-0614 Home

Edgar Horton - Operator II

426 Price Dr.
Lewisville, Texas 75067
972/221-3288 Home
214/897-1520 Pager

Robin Jones - Director Street Division

410 Marilu
Richardson, Texas 75080
972/690-9449 Home
214/839-1900 Pager

Robert Lynch - Operator III

601 Pleasant Valley
Garland, Texas 75040
972/205-1815 Home
214/897-1521 Pager

Charles McElroy - Operator II

2718 Rochester
Dallas, Texas 75215
214/375-8002 Home
214/897-1522 Pager

Jeff Markiewicz - Project Manager

3732 Woodside
Carrollton, Texas 75007
972/394-0777 Home
214/835-1050 Pager

Charles Mitchell - Signal Technician

133 Eastwood Place
Lewisville, Texas 75067
972/436-2834 Home
214/836-9808 Pager

Mike Murphy - Assistant Public Works Director

300 Roundgrove Rd. #821
Lewisville, TX 75067
972/459-3100 Home
214/833-2076 Pager

Ronald Pelky - Operator II

2007 Cedarwood Dr.
Carrollton, TX 75007
972/245-9501 Home
214/897-1523 Pager

James C. Pierce, Jr. - Assistant City Engineer

6916 Echo Bluff
Dallas, Texas 75248
972/233-0932 Home
214/833-0628 Pager

Keith Thompson - Utility Foreman

2075 Clubview Dr.
Carrollton, Texas 75006
972/245-9049 Home
214/836-9799 Pager

Dave Wilde - Public Works Inspector

1711 Southampton
Carrollton, Texas 75007
972/394-5845 Home
214/833-1872 Pager

Streets Mobile Phone 972/489-7370

Utility Mobile Phone 972/489-7375

E. Entrance Gate Code, Celestial: 2871

Lift station entrance code: 92872

APPENDICES

FOR

ANNEX K

APPENDICES TO ANNEX K

APPENDIX 1 Public Works Organizational Chart & Resource Inventory
..... Pages 1 -3

APPENDIX 2 Utility Personnel
..... Page 4

APPENDIX 3 Dallas County District # 1 Resource Inventory
..... Page 5

APPENDIX 4 Neighboring Cities Resource Inventory
..... Dallas, Carrollton, Farmers Branch, Richardson
..... Pages 6 - 9

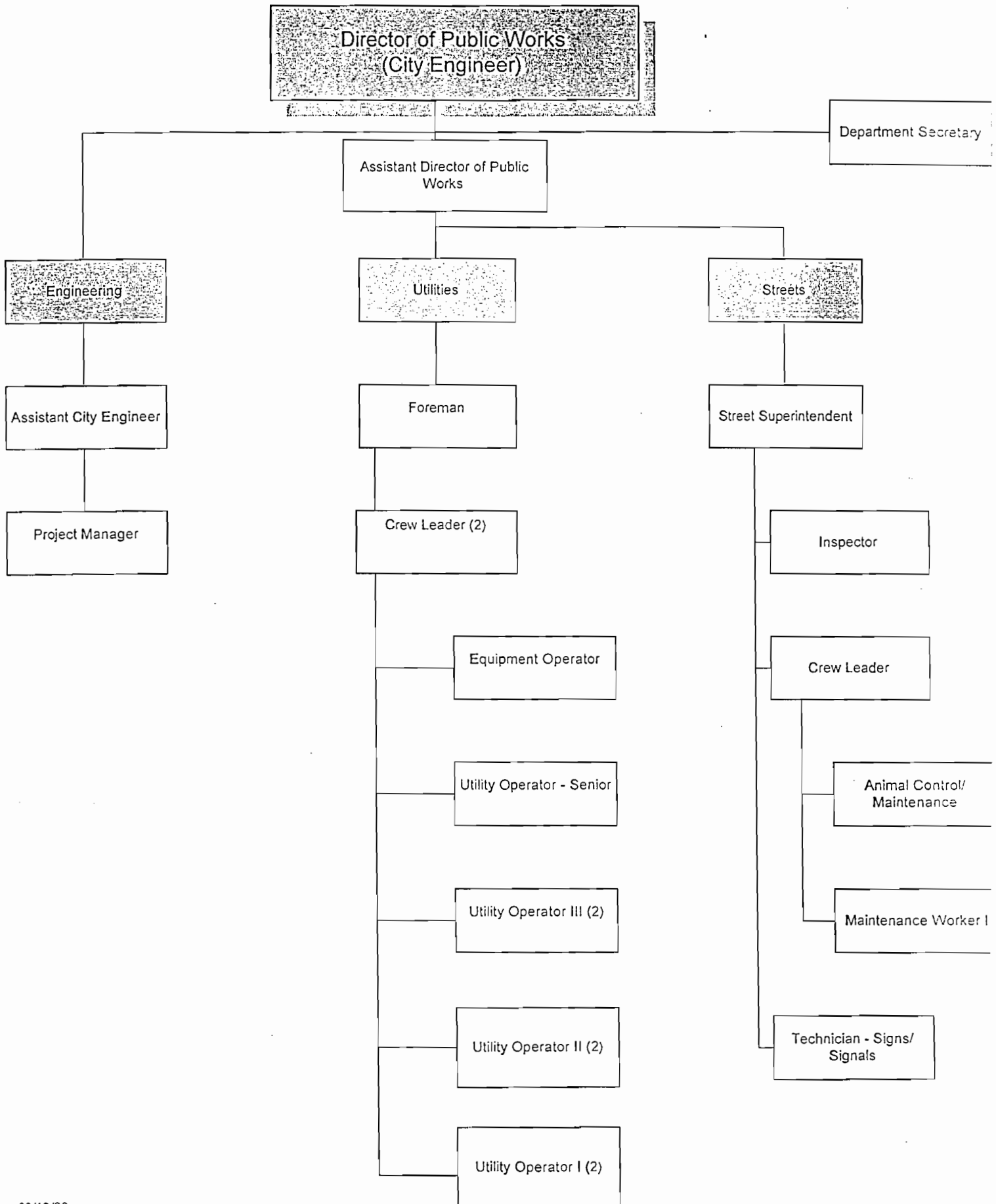
APPENDIX 5 Barricades and Rental Companies
..... Page 10

APPENDIX 6 Street Sweeping & Garbage Collection
..... Page 11

APPENDIX 7 Key Facilities
..... Page 12

APPENDIX 8 Communication Resources
..... Page 13

TOWN OF ADDISON
Public Works Department 1997



**TOWN OF ADDISON PUBLIC WORKS
EMPLOYEES**

John Baumgartner - Director of Public Works
17736 Knoll Meadow
Dallas, TX 75287
972/306-2421 Home
972/489-4420 Mobile
214/835-5169 Pager

Jerry Davis - Utility Crew Leader
1778 Circle Creek Dr.
Lewisville, TX 75067
(972) 420-1119 Home
214/833-4529 Pager

Al Dent - Streets Crew Leader
2512 Incline Dr.
Carrollton, TX 75006
(972) 417-5870 Home
214/835-7178 Pager

Bruce Ellis - Public Works Inspector
16300 Ledgemont Ln., #608
Addison, TX 75248-5971
(972) 267-4534 Home
214/836-9807 Pager

Jose Flores -Equipment Operator
1213 Northside
Carrollton, TX 75006
(972)323-9103 Home
214/897-1524 Pager

Don Gibson - Animal Control Officer
1820 E. Peters Colony #4703
Carrollton, TX 75007
(972) 394-7665 Home
214/848-2740 Pager

Randy Harrison - Operator I
2714 Hawthorne #160
Dallas, TX 75219
(214) 522-0244 Home
214/833-0934 Pager

Tim Hastings - Operator I
1122 Wood Heights Dr.
Lewisville, TX 75067
(972) 221-0128 Home
214/897-1519 Pager

Alyssa Hernandez - Department Secretary
5509 Sagers
The Colony, TX 75056
(972) 625-0614 Home

Edgar Horton - Operator II
426 Price Dr.
Lewisville, TX 75067
(972) 221-3288 Home
214/897-1520 Pager

Brian Jentgens - Maintenance I
5220 Gibson Dr.
The Colony, TX 75056
(972) 624-8156 Home
214/897-1525 Pager

Robin Jones - Director Street Division
410 Marilu
Richardson, TX 75080
(972) 690-9449 Home
214/839-1900 Pager

Robert Lynch - Operator III
601 Pleasant Valley
Garland, TX 75040
(972) 205-1815 Home
214/897-1521 Pager

Charles McElroy - Operator II
2718 Rochester
Dallas, TX 75215
(214) 375-8002 Home
214/897-1522 Pager

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214/835-1050 Pager

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214/836-9808 Pager

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Lewisville, TX 75067
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214/833-2076 Pager

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Carrollton, TX 75007
(972) 245-9501 Home
214/897-1523 Pager

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6916 Echo Bluff
Dallas, TX 75248
(972) 233-0932 Home
214/833-0628 Pager

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Carrollton, TX 75006
(972) 245-9049 Home
214/836-9799 Pager

Dave Wilde - Utility Crew Leader
1711 Southampton
Carrollton, TX 75007
(972) 394-5845 Home
214/833-1872 Pager

Streets Mobile Phone 489-7370
Utility Mobile Phone 489-7375
E. Entrance Gate Code, Celestial: 2871

APPENDIX 1 TO ANNEX K

PERSONNEL

Addison Street Division.....972/450-2841
 Superintendent
 Robin Jones.....972/450-2849

 Public Works Inspector.....972/450-2847

 Street Supervisor
 Al Dent.....972/450-2841

 Five work persons

Police dispatch..... 972/450-7157

 Home972/690-9449
 Pager 214/839-1900
 Home
 Pager

 Home972/417-5870
 Pager214/835-7178

EQUIPMENT

Dump Trucks2
 Backhoe/loader1
 Chain saw.....5
 Compressor1
 Generators1
 Roller1
 Pick-ups3
 Barricades100
 Aerial Bucket Truck.....1

Six yard
 Case 580

PERSONNEL

Addison Utilities Dept.972/450-2871
 Foreman
 Keith Thompson.....972/450-2873

 Crew Leaders
 Jerry Davis972/450-2897

 Dave Wilde972/450-2872

 Nine work persons

Emergency..... 972/450-7157

 Home972/245-9049
 Pager 214/836-9799

 Home972/420-1119
 Pager 214/833-4529
 Home972/394-5845
 Pager214/833-1872

EQUIPMENT

Backhoe/Loader0
 Water Pump5
 Compressors.....1
 Generators2
 Concrete Mixer1
 Pick-ups5
 Barricades20
 Vactor.....1
 Dump Trucks2
 Crane Truck1

One-fourth yard

 3 yard

APPENDIX 1 TO ANNEX K

PERSONNEL

Addison Parks Dept.972/450-2851	Emergency972/450-7157
Director	
Slade Strickland972/450-2869	Home.....972/964-2536
	Pager214/833-1262
Parks Superintendent	
Ron Lee972/450-2863	Home.....972/492-8068
	Pager214/833-0958
Sixteen work persons, not including supervisors	

EQUIPMENT

Backhoe/Loader1	Case 680
Chain Saw3	
Generators1	
Pick-ups.....9	
Aerial Bucket Truck.....1	

APPENDIX 2 TO ANNEX K

TU ELECTRIC/LONE STAR GAS

TU ELECTRIC

Jeanne Hooker Office.....972-888-1302
 Home972-690-3663
 Pager.....214-359-0131
 Joel Porter Pager.....972-648-0755
 Home972-934-3409
 Line Locates800-658-2180
 Emergency972-791-2888
 Emergency800-233-2133
 LONE STAR GAS
 Automated telephone service214-741-3750
 Emergency Repairs (24 hours)800-817-8090
 Line Locates800-344-8377

SOUTHWESTERN BELL

Emergency Repair (24 hours)800-286-8313
 Line locates800-344-8377

TRAFFIC SIGNAL

Consolidated Traffic Controls

Traffic Signal Hardware – Electronics, Heads, Controllers, etc.
 Office – Metro817/265-3421
 Jerry Priester Home817/447-3785
 Pete Montigny Pager.....800/805-4799
 John Greenman Pager.....817-651-1443
 Jeff O’Brien Pager.....800-210-3161

Durable Specialties

Traffic Signals, Poles, Heads, Arms – Installation and Repair
 Office972/296-6324
 Jeff Bryan Home817/468-9991
 Mobile214/808-1056
 Francis Bishop Home972/775-3600
 Pager.....214/992-7018
 Larry Laske Home817/477-3052
 Mobile214/957-5095

Paradigm Traffic Systems, Inc .

Peek, Electronics, Controllers, etc.
 Office817/957-0878
 Office800/589-6205
 Mike Fiske Metro817/957-0878
 Keith Higgins Metro817/957-3886

North Texas Signal Systems

(Trucks, cranes, man lifts, equipment, and labor)
 (24 hour menu with pages)817-251-6877
 Rick Lopez Pager.....000/795-5031

Integrated Roadway Services, Inc.

David Mirtaheri Office.....214/352-1973
 Pager.....214/993/5336
 Pager.....214/397-2837

Sharrock Electric

Construction Equipment, Lifts, cranes, etc.
 Office – Metro 817/429-8502
 24 hour Emergency Metro 817/429-8502

Groves Electric

Bill (office) 972/446-8207
 (pager) 972/565-1631

Mel’s Electric

Office..... 214/565-1074
 Johnny (pager)..... 972/204-2384
 (mobile)..... 214/354-1903

City of Carrollton

Signal Department..... 972/446-3606
 Richard Gurley 214/781-1856

RAILROAD CROSSING

Signal Arms Inspector..... 214/372-7465
 Section Leader
 Danny Fletcher 214/372-7401
 Tower Yard Master
 (24 hour)..... 214/372-7408
 Power Chief..... 402/636-1932

APPENDIX 3 TO ANNEX K
DALLAS COUNTY DISTRICT #1

PERSONNEL

Dispatch		
Mike Sharp.....	972/247-1735	Home.....972/304-0149
Tommy Norris.....		Home.....972/279-4280
Larry Morrisieft		Home.....972/642-5254

Twenty-five work persons

EQUIPMENT

Rubber Tire Loaders	1	3.75 yard bucket
Rubber Tire Loaders	1	1.25 yard bucket
Road Graders	3	
Track Loaders	1	3.75 yard bucket
Track Loaders	1	1.25 yard bucket
Dozer	1	
Sandspreader	3	
Dump Truck	7	Fourteen yard
Dump Truck	6	Eighteen yard

APPENDIX 4 TO ANNEX K

CITY OF DALLAS

EMERGENCY PREPAREDNESS

Director

William (Bill) S. Gross214/670-4275*
.....214/670-4700*

*This number will roll over to fire
dept. dispatch after hours.

CITY OF DALLAS STREET DEPARTMENT
NORTH DALLAS DISTRICT
(Preston Road West and Downtown Dallas North)

Street Department Dispatch ...
.....214/670-6006*

Emergency214/670-4397*
*This phone is answered

Street Supervisor
Michel S. Gonzales214/670-6006
District Manager
Darryl Fourte
Eighty work persons in area

EQUIPMENT

Gradealls1
Maintainers1
Rubber Tire Loader.....3
Rubber Tire Backhoe3
Gas Meters Trucks10
Dump Trucks

CITY OF DALLAS
SIGNAL OPERATIONS

PERSONNEL

Signal Damage/Trouble
Dispatch214/670-3287
Interim Director214/948-4200*
City Services214/670-5111
Assistant Director of Transportation
Sam Wilson.....214/670-4024*
Traffic Engineer
Ralph Grant.....214/670-3283*

* These numbers are answered
by Central dispatch after hours.

APPENDIX 4 TO ANNEX K

CARROLLTON

PERSONNEL

City of Carrollton		* After hours Service Center
Director of Public Works		
Tim Tumulty	972/466-3200	Emergency
Street/Drainage Manager		972/466-3425*
Donny Hampton.....	972/466-3480	Emergency
Sixty-five work persons		972/466-3425*

TRAFFIC SIGNALS

City of Carrollton
Signal Department972/446-3606
Richard Gurley.....214/781-1856 Pager

WATER DEPARTMENT

Water Superintendent		
Dudley Sinclair	972/466-3477	Emergency
76 work persons		972/466-3425*

EQUIPMENT

Rubber Tire Loaders	3	
Graders	1	
Dump Trucks	12	(6) 16 yard, (6) 8 yard
Sweeper power broom	1	
Backhoe/Loader	6	
4" Water Pump.....	6	
Chain saw.....	3	
Compressor	2	
Generators	4	
Concrete Mixer Truck.....	2	
Roller.....	1	
Concrete Breaker	2	
Pick-ups.....	20	
Barricades	50	
Sewer Jet Trucks.....	4	

APPENDIX 4 TO ANNEX K

FARMERS BRANCH

PERSONNEL

City of Farmers Branch....972/919-2597*	Emergency972/247-3131
Director of Public Works	*Police Dept. answers after hours
Mark Pavageau	
Street Superintendent	
Shannon Chowning.....972/919-2615*	
Twenty-five work persons, not including supervisors (Street Division)	

EQUIPMENT

Rubber Tire Loaders	2	Large
Graders.....	1	
Dump Trucks	3	Ten yard
Sweeper.....	1	
Backhoe/Loader	1	J.D. 410
4" Water Pump.....	1	Large
Chain saw.....	1	
Compressor	2	
Generators.....	2	Homelite
Concrete Mixer Truck.....	1	Nine yard
Roller.....	1	V.B
Concrete Breaker	1	Badger
Loader	1	Ford
Pick-ups.....	12	
Barricades	50	

WATER DEPARTMENT

Water Superintendent	
Roy Smallwood.....972/919-2613*	*Police department after hours

EQUIPMENT

SAME AS STREET DEPARTMENT

APPENDIX 4 TO ANNEX K

CITY OF RICHARDSON

- The Public Works Department 24-hour dispatch is located at their North side pump station. The address of the pump station is 1201 West Renner. 972/238-2238

PERSONNEL

Police Department.....972/238-3800	Emergency972/238-3800
Superintendent of Streets	
Charles Vessel.....972/238-4058*	24 hour dispatch...972/235-2238
Supervisor	
Ron Tower972-238-4059*	
Al Wittenback972/238-4068*	* These phones are answered by
Director of Public Service.....	public works dispatch after hours.
Clay Gooch972-238-4220*	

Forty-three work persons (Street Division)

EQUIPMENT

Barricades25 to 500	
Dump Trucks3	Fourteen yard
Dump Trucks9	Six yard
Backhoe Loader2	
Track Loader Dozer1	
Maintainer.....1	

WATER DEPARTMENT

Water & Sewer Superintendent	
Jim Keinhofer.....972-238-4092*	Emergency972/235-2238
Field Supervisors	
Rocky Glover	* This phone is answered by public
Steve Anderson	works dispatch after hours.

Fifty-five work persons (Water & Sewer Department)

EQUIPMENT

Dump Truck2	Six yard
Backhoe.....2	
Trackhoe1	
Hescoe Power Unit1	
Phenatoe Airpump for	
Diesel of gas.....1	

APPENDIX 5 TO ANNEX K
BARRICADES AND RENTAL COMPANIES

BARRICADES

Lectric Safety Lite 11577 Goodnight Lane Dallas, Texas	214/243-7272 8 a.m. – 5 p.m. 214/351-1994 after hours	Barricades, signs, portable arrow boards, barrels, traffic control devices, etc.
Dallas Lite & Barricades 1607 Fort Worth Ave. Dallas, Texas	214/748-5791 24 hours	Same as above
Plank 2655 Lombardy Dallas, Texas	214/357-4369 24 hours	Same as above, also shoring trench boxes, pumps and generators.

RENTAL EQUIPMENT

DARR Equipment 2000 E. Airport Freeway Irving, Texas	972/721-2000 24 hours	Loaders, crawlers, rubber tire and track, light plants, and generators.
Gaedcke 10205 N. Walton Walker Dallas, Texas	972/556-0005 24 hours	Various small equipment light plants
Strawn Rental 11010 Harry Hines Dallas, Texas	214/357-4301 7a.m. – 5:30 p.m.	All types of equipment, Chain saws, weed eaters, backhoes, air compressors, jackhammers
Arentco 14026 Harry Hines	214/620-1005 7:30 a.m. 5:30 p.m. 972/539-9340 (after 5 Steve Haag)	Same as above

APPENDIX 6 TO ANNEX K

STREET SWEEPING AND GARBAGE COLLECTION

Street Sweeping

Mr. Sweeper 972/688-4444
4710-C Don Drive
P.O. Box 560048
Dallas, Texas 75356-0048

David Franklin	972/368-3992 home
Mike Albert	972/987-1230 home
John Green	972/207-3005 mobile, Night Supervisor
Owen Parsons	817/543-6209 pager

Garbage Collection

Texas Waste Management 972/436-3512
P.O. Box 719
1601 Waste Management Blvd.
Lewisville, Texas 75067-0719

Dispatch	972/315-0700
	972/315-3377

APPENDIX 7 TO ANNEX K

KEY FACILITIES

Essential Operations and their locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75248

Law Enforcement Services

Addison Police Department
4798 Airport Parkway
Addison, Texas 75248

Dispatch office 972/450-7157
Supervisors office 972/450-7159

Fire Services

Addison Fire Station # 1
4798 Airport Parkway
Addison, Texas 75248

972/450-7201

Addison Fire Station # 2
3950 Beltway Drive
Addison, Texas 75248

972/450-7230

Public Work Services

Addison Service Center
16801 Westgrove
Addison, Texas 75248

972/450-2871

Utility Service

Surveyor Pump Station
15130 Surveyor Rd.
Addison, Texas 75244

972/991-9186

Celestial Pump Station
5510 Celestial Rd.
Addison, Texas 75240

972/726-6909

Addison Water Tower
15500 Julian St.
Addison, Texas 75248

972/458-8620

Kellway Lift Station
4245 Kellway Circle
Addison, Texas 75248

972/930-9841

APPENDIX 8 TO ANNEX K
 COMMUNICATIONS RESOURCES
 ADDISON TWO WAY RADIO INVENTORY

DEPARTMENT	BASE	VEHICLE	HANDHELD	MOBILE
Streets	1 Desktop	5	7	1
Utilities	3 Desktop	10	4	1
Parks & Recreation	2 Desktop	11	8	0
Building Inspection	1 Desktop	2	2	0
Environmental Health	0	2	0	0
Special Events	0	0	10	0

APPENDICES
FOR
ANNEX L

APPENDICES TO ANNEX L

Appendix 1..... Utilities Communication Network
..... Page 1

Appendix 2 Addison Public Works Personnel and Resources
.....Page 2, 3

Appendix 3..... Utilities ie.. Dallas Water, TU, Gas, Southwestern Bell
.....Page 4

Appendix 4Neighboring Cities Resource Inventory
..... Page 5, 6, 7

Appendix 5.....Barricades and Rental Companies
.....Page 8

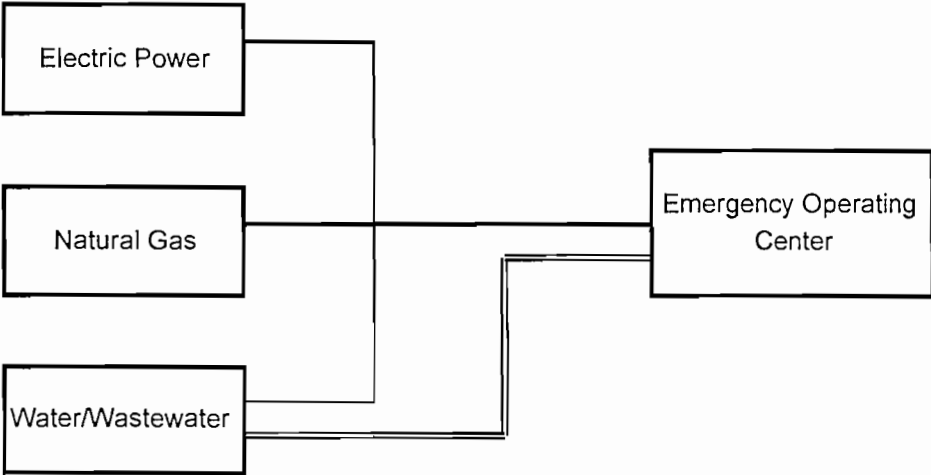
Appendix 6..... Key Facilities
.....Page 9

Appendix 7.....Communication Resources
.....Page 10

Appendix 8 Water Emergencies
..... Page 11, 12, 13, 14, 15

Appendix 9Wastewater Emergencies
.....Page 16

Utilities Communication Network



LEGEND:

==== Radio

_____ Telephone

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Utilities Dept.972/450-2871	Emergency 972/450-7157
Foreman	
Keith Thompson.....972/450-2873	Home 972/245-9049
	Pager 214/836-9799
Crew Leaders	
Jerry Davis972/450-2897	Home 972/420-1119
	Pager 214/833-4529
Dave Wilde972/450-2872	Home 972/394-5845
	Pager 214/833-1872
Nine work persons	

EQUIPMENT

Backhoe/Loader0	
Water Pump5	
Compressors.....1	
Generators2	
Concrete Mixer 1	One-fourth yard
Pick-ups5	
Barricades20	
Vactor.....1	
Dump Trucks2	3 yard
Crane Truck 1	

PERSONNEL

Addison Street Division.....972/450-2841	Police dispatch..... 972/450-7157
Superintendent	
Robin Jones.....972/450-2849	Home 972/690-9449
.....	Pager 214/839-1900
Public Works Inspector.....972/450-2847	Home
	Pager
Street Supervisor	
Al Dent.....972/450-2841	Home 972/417-5870
	Pager 214/835-7178
Five work persons	

EQUIPMENT

Dump Trucks2	Six yard
Backhoe/loader 1	Case 580
Chain saw.....5	
Compressor 1	
Generators 1	
Roller.....1	
Pick-ups3	
Barricades 100	
Aerial Bucket Truck..... 1	

APPENDIX 2 TO ANNEX L

PERSONNEL

Addison Parks Dept.972/450-2851	Emergency972/450-7157
Director	
Slade Strickland972/450-2869	Home972/964-2536
	Pager214/833-1262
Parks Superintendent	
Ron Lee972/450-2863	Home972/492-8068
	Pager214/833-0958
Sixteen work persons, not including supervisors	

EQUIPMENT

Backhoe/Loader1	Case 680
Chain Saw3	
Generators1	
Pick-ups.....9	
Aerial Bucket Truck.....1	

APPENDIX 3 TO ANNEX L

TU ELECTRIC/LONE STAR GAS

TU ELECTRIC

Lifts, cranes, etc.

Jeanne Hooker Office972-888-1302
Home.....972-690-3663

8502

Pager214-359-0131

Joel Porter Pager972-648-0755

Home.....972-934-3409

Line Locates800-658-2180

Emergency972-791-2888

Emergency800-233-2133

LONE STAR GAS

Automated telephone service214-741-3750

Emergency Repairs (24 hours) .800-817-8090

Line Locates800-344-8377

SOUTHWESTERN BELL

Emergency Repair (24 hours)800-286-8313

Line locates800-344-8377

Telemetry 800-246-8064

Special Services214-268-1777

DALLAS WATER UTILITIES

Wholesale Services

- Phillip Boyd214-670-5887

Dallas water Operations 214-670-8064

GE TEAM CONTROL TELEMETRY

Day & night... 389-7700

Sharrock Electric

Construction Equipment,

Office – Metro817/429-8502
24 hour Emergency Metro817/429-

Groves Electric

Bill (office)972/446-8207

(pager)972/565-1631

Mel's Electric

Office214/565-1074

Johnny (pager)972/204-2384

(mobile).....214/354-1903

APPENDIX 4 TO ANNEX L

FARMERS BRANCH

PERSONNEL

City of Farmers Branch....972/919-2597*
Director of Public Works.....
Mark Pavageau

Emergency972/247-3131
*Police Dept. answers after hours

WATER DEPARTMENT

Water Superintendent
Roy Smallwood.....972/919-2613*

*Police department after hours

EQUIPMENT

Rubber Tire Loaders	2	Large
Graders.....	1	
Dump Trucks	3	Ten yard
Sweeper.....	1	
Backhoe/Loader	1	J.D. 410
4" Water Pump.....	1	Large
Chain saw.....	1	
Compressor	2	
Generators	2	Homelite
Concrete Mixer Truck.....	1	Nine yard
Roller.....	1	V.B
Concrete Breaker	1	Badger
Loader	1	Ford
Pick-ups.....	12	
Barricades	50	

APPENDIX 4 TO ANNEX L

CARROLLTON

PERSONNEL

City of Carrollton	* After hours Service Center
Director of Public Works	
Tim Tumulty972/466-3200	Emergency972/466-3425*

WATER DEPARTMENT

Water Superintendent	
Dudley Sinclair972/466-3477	Emergency972/466-3425*
76 work persons	

EQUIPMENT

Rubber Tire Loaders3	
Graders1	
Dump Trucks12	(6) 16 yard, (6) 8 yard
Sweeper power broom1	
Backhoe/Loader6	
4" Water Pump.....6	
Chain saw.....3	
Compressor2	
Generators4	
Concrete Mixer Truck.....2	
Roller.....1	
Concrete Breaker2	
Pick-ups.....20	
Barricades50	
Sewer Jet Trucks4	

APPENDIX 4 TO ANNEX L

CITY OF RICHARDSON

- The Public Works Department 24-hour dispatch is located at their North side pump station. The address of the pump station is 1201 West Renner. 972/238-2238

PERSONNEL

Police Department.....972/238-3800	Emergency972/238-3800
* These phones are answered by Director of Public Service.....	public works dispatch after hours.
Clay Gooch972-238-4220*	

WATER DEPARTMENT

Water & Sewer Superintendent	
Jim Keinhofer.....972-238-4092*	Emergency972/235-2238
Field Supervisors	
Rocky Glover	* This phone is answered by public works dispatch after hours.
Steve Anderson	

Fifty-five work persons (Water & Sewer Department)

EQUIPMENT

Dump Truck.....2	six yard
Backhoe.....2	
Trackhoe1	
Hescoe Power Unit1	
Phenatoc Airpump for Diesel of gas.....1	

EQUIPMENT

Barricades25 to 500	
Dump Trucks3	fourteen yard
Dump Trucks9	six yard
Backhoe Loader2	
Track Loader Dozer1	
Maintainer1	

APPENDIX 5 TO ANNEX L

BARRICADES AND RENTAL COMPANIES

BARRICADES

Lectric Safety Lite 11577 Goodnight Lane Dallas, Texas	214/243-7272 8 a.m. – 5 p.m. 214/351-1994 after hours	Barricades, signs, portable arrow boards, barrels, traffic control devices, etc.
Dallas Lite & Barricades 1607 Fort Worth Ave. Dallas, Texas	214/748-5791 24 hours	Same as above
Plank 2655 Lombardy Dallas, Texas	214/357-4369 24 hours	Same as above, also shoring trench boxes, pumps and generators.
<u>RENTAL EQUIPMENT</u>		
DARR Equipment 2000 E. Airport Freeway Irving, Texas	972/721-2000 24 hours	Loaders, crawlers, rubber tire and track, light plants, and generators.
Gaedcke 10205 N. Walton Walker Dallas, Texas	972/556-0005 24 hours	Various small equipment light plants
Strawn Rental 11010 Harry Hines Dallas, Texas	214/357-4301 7a.m. – 5:30 p.m.	All types of equipment, Chain saws, weed eaters, backhoes, air compressors, jackhammers
Arentco 14026 Harry Hines	214/620-1005 7:30 a.m. 5:30 p.m. 972/539-9340 (after 5 Steve Haag)	Same as above

APPENDIX 6 TO ANNEX L

KEY FACILITIES

Essential Operations and their locations

Direction and Control

City Emergency Operating Center
Fire Station #1
4798 Airport Parkway
Addison, Texas 75248

Law Enforcement Services

Addison Police Department
4798 Airport Parkway
Addison, Texas 75248

Dispatch office 972/450-7157
Supervisors office 972/450-7159

Fire Services

Addison Fire Station # 1
4798 Airport Parkway
Addison, Texas 75248

972/450-7201

Addison Fire Station # 2
3950 Beltway Drive
Addison, Texas 75248

972/450-7230

Public Work Services

Addison Service Center
16801 Westgrove
Addison, Texas 75248

972/450-2871

Utility Service

Surveyor Pump Station
15130 Surveyor Rd.
Addison, Texas 75244

972/991-9186

Celestial Pump Station
5510 Celestial Rd.
Addison, Texas 75240

972/726-6909

Addison Water Tower
15500 Julian St.
Addison, Texas 75248

972/458-8620

Kellway Lift Station
4245 Kellway Circle
Addison, Texas 75248

972/930-9841

APPENDIX 8 TO ANNEX L

WATER EMERGENCIES

CURTAILMENT OF LOCAL USE OF WATER

In case of water shortage, local use can be curtailed by the series of steps listed below. During a water shortage, supplies of water should be denied to users in the following order:

Parks and playgrounds, swimming pools, and ornamental fountains, car washing or landscape sprinkling

Air conditioning using water

Commercial and industrial concerns engaged in non-essential or luxury-type activities or production

Single family residences

Multi-family residences, duplexes, etc.

Group housing, apartments, hotels, and motels

Fire protection

PRIORITY ON LOCAL USE OF WATER

In case of water shortage, the following users should have preference for water service or restoration of service. These facilities are not listed in order of priority, but each should be considered based upon community needs.

Hospitals and emergency hospitals, doctors' offices and clinics

Emergency shelters and community facilities for displaced persons

Water dispensing stations

Dairy processing plants

Food production, processing and storing

Refineries, petroleum and petroleum products

Control centers (EOC, police, fire, other utilities)

Communication originating stations

Transportation centers

Fire protection

Group housing, apartments, hotels and motels

APPENDIX 8 TO ANNEX L CONTINUED

MINIMUM WATER REQUIREMENTS PER PERSON/DAY:

(Minimum Range)

Hospital and other medical facilities	5-25 gallons/patient/day
Mass-care centers	
Lodging and emergency feeding	5-15 gallons/person/day
Lodging centers-drinking	2 gallons/person/day
Lodging center with flush-toilet facilities - drinking, feeding and sanitary uses	25 gallons/person/day
Mass-feeding stations - cooking and sanitation	3-10 gallons/person/day
Households	5-15 gallons/person/day
Drinking, cooking and sanitation	
With operative flush-toilet facilities	25 gallons/person/day

METHODS OF EMERGENCY WATER DISINFECTION

- A. For small amounts of water
 1. Boil two or three minutes.
 2. Add three drops of ordinary household two percent tincture of iodine to one quart clear water, wait one hour. Add six drops for cloudy water.
- B. For large or small amounts of water
 1. Add sodium hypochlorite (NaOCl) in amounts shown below. Ordinarily liquid household laundry bleach contains this compound, usually at 5.25% strength. Add correct dose, mix thoroughly, and wait a thirty minutes. Treated water should have distinct chloride odor. If no chloride odor, add more bleach, mix and let stand for fifteen minutes.

DOSE OF 5.25% SOLUTION

QUANTITY OF WATER	CLEAR	CLOUDY
1 quart	2-3 drops	5 drops
1 gallon	10 drops	20 drops
5 gallon	1/2 teaspoon	1 teaspoon
1500 gallon	1 quart	2 quart

2. Add water purification tablets (chlorine or iodine release) according to label. Available at drugstores.

APPENDIX 8 TO ANNEX L CONTINUED

3. Other common chemicals which can be used for emergency disinfection are shown in attached table.

C. For dishwashing purposes

1. Chlorinate: add at least 50ppm of available chlorine at temperature not less than 75 degrees F. (50ppm = 50mg chlorine/liter water;

2. Iodine: at least 12.5ppm of available iodine in a solution not having a ph above 5.0 temperature of not less that 70 degrees F. (12.5ppm = 12.5mg chlorine/liter of water)

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	to Give 200 ppm CL2 or I2 for Food Utensil Disinfection		to Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
BK Powder (CL2)	50	1 t	2 gal	1 t	37 gal	Janitorial, hotel, restaurant, dairy and chemical supplies
Betadine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Household Ln. Bleach (CL2)	5.25	1 T	1 gal	1 T	20 gal	Grocery store
Iodine Tabs; Globaline Potable Aqua. etc.	-	-	-	2 tabs	1 qt	Drugstore, sporting good stores
HTH (CL2)	70	1 tab	4 gal	1 tab	85 gal	Janitorial, hotel, restaurant, dairy, & chemical supplies
Iobac (I2)	0.96	1 T	7 cups	1 T	4 gal	Janitorial, hotel, restaurant, dairy, chemical supplies
Iodine (I2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore
Lugol's Soln. (I2)	5	1 t	5 cups	1 T	20 gal	Drugstore
Clorox (CL2) 06/15/92	24	1 t	5 qt	1 t	29 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Iodine (I2)	2	1 T	6 cups	1 T	3 gal	Drugstore

t = teaspoon T = tablespoon qt = quart gal = gallon

APPENDIX 8 TO ANNEX L CONTINUED

COMMON MATERIALS USED FOR EMERGENCY DISINFECTION OF WATER						
Product	Approximate Percentage Available CL2 or I2	To Give 200 ppm CL2 or I2 for Food Utensil Disinfection		To Give 10 ppm CL2 or I2 for Drinking Water		Availability
		Quantity	Made up to	Quantity	Made up to	
Wescodyne (I2)	1.6	1 T	5 cups	1 T	6 1/2 gal	Janitorial, hotel, restaurant, dairy, & chem. supplies
Zonite (CL2)	1.0	1 T	3 cups	1 T	4 gal	Drugstore

APPENDIX 8 TO ANNEX L

POSSIBLE EMERGENCY WATER STORES

Town of Addison Athletic Club.....484-2296
Indoor Swimming Pool at 3900 Beltway Drive

Loos Athletic Facility.....888-3194
Indoor Swimming Pool at 3815 Spring Valley

APPENDIX 9 TO ANNEX L

WASTEWATER EMERGENCIES

If the local sewage system becomes overloaded or if there are not enough toilet facilities to accommodate relocated people in their lodging areas, (Wastewater Manager) will need to improvise waste disposal latrines and other sanitation devices.

General considerations for improvised toilet facilities and waste disposal:

- select a site at least 100 yards from any food preparation area and 150 feet from the nearest water source.
- site should be accessible to users but away from lodging or residential areas.
- provide separate latrines for men and women and place canvas or other type of screen or tent around them.
- there should be enough latrine seats to accommodate from 8-12% of people at one time.
- prevent surface water from flowing into latrines by digging drainage ditches.
- control flies by spraying area with insecticides; spray latrine pit twice weekly; keep latrine area clean.
- install hand washing device and disinfecting solution near latrine area; keep supply of toilet paper in rainproof containers.
- when latrine pit becomes filled with waste to within one foot from the surface, close the latrine:
 - cover contents with minimum of two feet of earth and pack down firmly
 - spray the area with oil or insecticide
 - mound pit over with at least one foot of dirt and spray again
 - mark site "CLOSED LATRINE"

APPENDIX 1 TO ANNEX J
DISASTER SUMMARY OUTLINE

DATE: _____

I. LOCATION: _____

II. TYPE OF DISASTER: _____

III. INCLUSIVE DATES DISASTER OCCURRED: _____

IV. CASUALTIES:

A. Fatalities: _____

B. Injuries: _____

C. Hospitalized: _____

V. RESIDENTIAL AND BUSINESS LOSSES

A. All dollar amounts should be expressed in CURRENT repair or replacement costs.

B. Coordinate data gathering with Red Cross, local insurance, etc.

C. Homes

1. Destroyed _____

2. Damaged _____

3. Average Repair Cost per Home \$ _____

4. % of Homes Covered by Insurance _____

D. Apartments

1. Destroyed _____

2. Damaged _____

3. Average Repair Cost per Home \$ _____

4. % of Homes Covered by Insurance _____

E. Businesses

1. Destroyed _____

- 2. Damaged _____
- 3. Average Repair Cost per Business \$ _____
- 4. % of Businesses Covered by Insurance _____

VI. ESTIMATED DAMAGE TO SCHOOLS

A. Coordinate with School District and Private School Owners.

	<u>Number Schools</u>	<u>Amount Damage</u>	<u>% Covered By Insurance</u>
1. Kindergarten	_____	_____	_____
2. Private (Elementary, Jr. High, etc.)	_____	_____	_____
3. Public (Loos Field, Facility)	_____	_____	_____
4. Other Private Schools	_____	_____	_____

VII. ESTIMATED NUMBER OF PERSONS UNEMPLOYED BECAUSE OF THIS DISASTER:

VII. ESTIMATED NUMBER OF PERSONS WHOSE SITUATION WILL BE COMPLETELY SATISFIED THROUGH THE RED CROSS:

IX. PUBLIC PROPERTY DAMAGE ESTIMATES

A. Coordinate with your engineers, departments, etc., City facilities only:

- 1. Debris Clearance \$ _____
- 2. Public Health/Protective Measures \$ _____
- 3. Road and Street Systems \$ _____
- 4. Dikes, Levees and Drainage Systems \$ _____
- 5. Buildings and Related Equipment \$ _____
- 6. Utilities \$ _____
- 7. Facilities under Construction \$ _____

8. Private Non-Profit Facilities \$ _____

9. Other (Recreational Facilities, etc.) \$ _____

TOTAL PUBLIC PROPERTY DAMAGE: \$ _____

X. TOTAL DOLLAR VALUE OF LOCAL GOVERNMENT EFFORTS WHICH
HAVE BEEN WILL BE CREDITED TO THIS DISASTER AND WHICH
WILL NOT BE CLAIMED: _____

I certify that the damages occurred during this disaster are
of such severity and magnitude that effective response is
beyond the capability of the Town of Addison, Texas and that
additional assistance is necessary.

DATE _____

MAYOR OF THE TOWN OF
ADDISON, TEXAS

INSTRUCTIONS FOR COMPLETING DISASTER SUMMARY OUTLINE

NOTE: All dollar amounts should be expressed in CURRENT repair or replacement costs.

SECTION I: Self-explanatory

SECTION II: Self-explanatory

SECTION III: Self-explanatory

SECTION IV: Self-explanatory

SECTION V: Report figures for the three (3) categories listed in this Section by filling in ALL the blanks provided.

EXAMPLE:

A. Homes

1. Destroyed	<u>0</u>
2. Damaged	<u>0</u>
3. Average Repair Cost per Home	\$ <u>0.00</u>
4. % of Homes Covered by Insurance	<u>0%</u>

SECTION VI: Self-explanatory

SECTION VII: Provide figures based on best information available

SECTION VIII: Provide figures based on best information available

SECTION IX:

A. Debris Clearance - Estimate cost of debris removal necessary to restore public health and safety.

B. Public Health/Protective Measures - Estimate costs incurred in protection public health and safety (e.g., Police and Fire Department activities in setting up barricade, preventing looting and sandbagging).

- C. Road and Street Systems - Estimate costs of restoring roads, streets and bridges to pre-disaster conditions.
- D. Dikes, Levees and Drainage Systems - Estimate costs to restore these facilities to pre-disaster conditions.
- E. Buildings and Related Equipment - Estimate costs to restore city buildings and conditions to pre-disaster conditions. Include repair costs for vehicles damaged in disaster.
- F. Utilities- Estimate cost to repair damage to publicly owned facilities including water, electric, gas and sewage plants.
- G. Facilities under Construction - Indicate damage estimate.
- H. Private Non-Profit Facilities - Estimate damages to educational, utility, medical, emergency and custodial facilities.
- I. Other - Estimate damages to parks and recreational facilities.

SECTION X: Self-explanatory

**INSTRUCTIONS FOR COMPLETING
STATISTICAL AND COST REPORT OF DISASTER OPERATION (FORM 2066)**

The *Statistical and Cost Report of Disaster Operation* (Form 2066) is the primary tool for recording and reporting information on the nature and scope of a disaster, the impact on victims, Red Cross assistance required, and the anticipated costs associated with providing the needed assistance.

The initial report is required within 24 hours of the occurrence, unless an extension to 48 hours has been granted. The second report is required no later than 5 days after the first report. The third report is required within 15 days after the first report. For Level IV and V operations, a final report is required within 30 days after the first report. For detailed instructions, see *Administrative Regulations* (ARC 3003) and *Disaster Operations Management* (ARC 3015).

The report should be typewritten. A computer-generated report is acceptable only if it follows exactly the format and content of the printed report.

Subject Headings:

Estimate. Check the first, second, third, or final box, as appropriate. If a revision of a current report is submitted, check "other" and indicate the nature of the report, e.g., "3rd Revised."

Level. Enter the level of the operation in Roman numerals. The level must reflect the highest estimated impact of the operation—the level at which the operation will be staffed.

OHQ. Enter EOH, MOH, or WOH for the operations headquarters jurisdiction.

FY. Enter the fiscal year in which the disaster occurred, using full year.

Admin. By. Enter either the initials of the operations headquarters if administered by an operations headquarters or "NHQ" if the operation is administered by national headquarters. Enter the five-digit chapter code if the operation is administered by a chapter.

Act'g. By. Enter "NHQ" if accounting will be done by the national disaster accounting office or the five-digit chapter code if the accounting will be done by a chapter.

Page. Indicate the page number and the number of pages contained in the total report.

DR No. Enter the three-digit disaster relief number assigned by national headquarters.

Name of Operation. Enter the official name of the operation established when the DR number was issued.

Date of Disaster. Enter the date the disaster occurred.

Type of Disaster. Indicate the primary cause of the disaster.

Disaster Area. If the disaster affects more than one chapter, reserve the first column for the consolidated totals for the entire operation, and enter the word "Consolidated" in the first column. For multichapter disasters, the official name and the five-digit chapter code of each affected chapter is entered in subsequent columns. If more chapters are affected than will fit on a single page, use additional pages of the form and indicate appropriate page numbers at the top of each form.

Data Elements:

- 01-03 Casualties verified by Disaster Health Services
- 04-06 Damage assessment data for single-family dwellings
- 07-09 Damage assessment data for mobile homes
- 10-12 Damage assessment data for multifamily dwellings such as apartments, hotels, condominiums, etc.
- 13 Total of Lines 04 through 12
- 14 Estimated percentage of units with applicable insurance for the structure
- 15 Estimated percentage of units that are owner-occupied
- 16 Number of service centers opened or expected to be opened
- 17 Number of families expected to apply for assistance
- 18 Number of families expected to receive financial assistance
- 19-23 Estimated final costs of each expense classification for emergency assistance
- 24 Total of Lines 19 through 23
- 25 Total number of shelters opened or expected to be opened
- 26 Total number of individuals sheltered or expected to be sheltered
- 27 Total number of mass care meals served or expected to be served
- 28 Estimated final cost of mass care expense classification
- 29 Total of Line 24 and Line 28
- 30-32 Estimated final cost for the expense classification of administration (7), service (8), and fund raising (9)
- 33 Total of Lines 30 through 32
- 34 Total of Line 29 and Line 33
- 35 Estimated final cost of additional assistance for expense classifications 2 through 6
- 36 Estimated final cost of additional assistance for expense classifications 7, 8, and 9
- 37 Total of Lines 34 through 36

Signature Lines:

Date Prepared. Enter the date prepared. Have document signed by responsible official. Enter typed or printed full name of signer and the signer's title.

Approved By. This second signature line is for operations headquarters and national headquarters use only. For each office, enter the signature of the official who reviewed and approved the report and the date approved.

American Red Cross

STATISTICAL AND COST REPORT OF DISASTER OPERATION

ESTIMATE: 1st 2nd 3rd Final

Page _____ of _____ Pages

Other _____ Other _____

Level	OHQ	FY	Admin By	Act'g By
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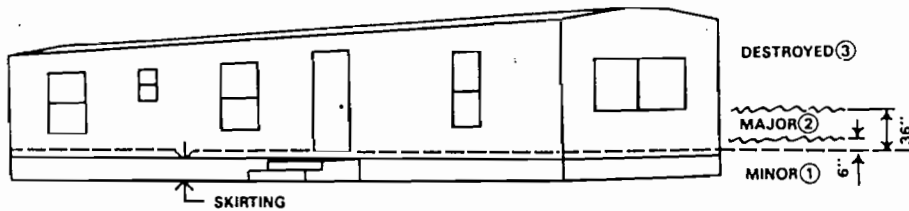
Name of Operation	Date of Disaster	Type of Disaster
-------------------	------------------	------------------

DISASTER AREA		Name ▶				
		Chapter Code ▶				
L O S S E S	Disaster Casualties	Dead	01			
		Hospitalized	02			
		Treated and Released	03			
	Single Family Dwellings	Destroyed	04			
		Major Damage	05			
		Minor Damage	06			
	Mobile Homes	Destroyed	07			
		Major Damage	08			
		Minor Damage	09			
	Multi-Family Units	Destroyed	10			
		Major Damage	11			
		Minor Damage	12			
	TOTAL UNITS AFFECTED		13			
	Estimated % of Units Insured		14			
	Estimated % of Units Owner Occupied		15			
A S S I S T A N C E	Emergency Assistance to Individuals and Families	No. Service Centers Opened	16			
		No. Families Applying	17			
		No. Families Assisted	18			
		Cost – FC&M Class 2	19			
		Cost – B&R Class 3	20			
		Cost – HHF Class 4	21			
		Cost – M&N Class 5	22			
	Cost – OS&E Class 6	23				
	COST OF EMERGENCY ASSISTANCE		24			
	Emergency Mass Care for Victims and Workers	No. Shelters Opened	25			
No. Persons Sheltered		26				
No. Meals Served		27				
Cost – EMC Class 1		28				
COST OF ALL DIRECT RELIEF		29				
Administrative, Service, and Fund Raising	Cost – Adm. Class 7	30				
	Cost – Svc. Class 8	31				
	Cost – FR Class 9	32				
COST OF ADMINISTERING RELIEF		33				
TOTAL COST OF EMERGENCY OPERATIONS		34				
Additional Assistance Relief Cost		35				
Add. Asst. Admin./Service/Fund-Raising Cost		36				
TOTAL COST OF FULL RELIEF OPERATION		37				

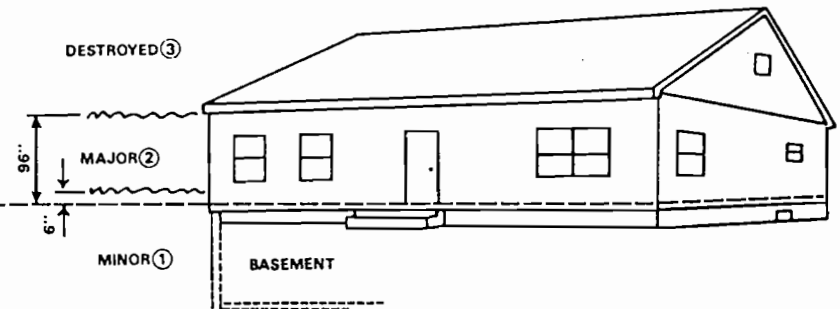
Date Prepared	Signature	Typed Name	Title
---------------	-----------	------------	-------

APPROVED BY:	OHQ Signature	Date	NHQ Signature	Date
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MOBILE HOME "M"



SINGLE-FAMILY DWELLING "S" or APARTMENT "A"



FLOOD AND FLASH FLOOD DAMAGE

Guide for Determining Water Depths

- Brick: 2½ inches per course
- Concrete or cinder block: 8 inches per course
- Lap or aluminum siding: 4 inches or 8 inches
- Door knobs: 36 inches above floor
- Stair risers: 7 inches
- Standard doors: 80 inches high

Damage to Look for and Note

- | | |
|---|--------------------|
| Structural damage | Broken windows |
| Foundation damage | Predisaster damage |
| Floating or shifting on or off foundation | Sewage backup |
| Wall penetrations | Utility outage |

HURRICANE, TORNADO, THUNDERSTORM, AND HAIL DAMAGE

Structural Damage

- | | |
|-------------------------------|-------------------|
| Shifting on or off foundation | Roof collapse |
| Wall collapse | Roof truss damage |
| Wall bowed in or out | Total collapse |

Other Damage

- | | |
|---|---------------------------|
| Roof penetrations | Wall penetrations |
| Percent of roof shingles missing or damaged | Percent of windows broken |
| Percent of siding missing or damaged | Chimney collapse |
| | Utility outage |

Water Damage (Wind-Driven Rain or Hail)

- Plaster or paneling on walls and ceilings
- Insulation
- Flooring
- Furniture
- Appliances

EARTHQUAKE

- | | | |
|-------------------|-----------------|---------------------|
| Structural damage | Fire | Interior demolition |
| Foundation damage | Piping ruptures | Utility outage |

MAP OR ADDITIONAL INFORMATION

STRATEGIC ISSUES	GOALS/OBJECTIVES	STRATEGIES
<p>2. Improve the flood drainage systems in flood-prone neighborhoods.</p>	<p>Goal 2: Provide adequate drainage and emergency procedures for all flood-prone areas in Lubbock.</p>	<p>Immediate Partners: Emergency Management, Police Department, Fire Department, Lubbock International Airport, Emergency Medical Service, Texas Tech Police Department, Lubbock Sheriff's Office, Department of Public Safety, U. S. Marshal's Service, Federal Bureau of Investigation, Alcohol Tobacco and Firearms and U. S. Justice Department.</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category A) \$ 10,000 – Project Impact \$ 30,000 – Office of Domestic Preparedness</p> <p>Strategy 1.4: Provide adequate administrative support to coordinate Project Impact program development.</p> <p>Immediate Partners: Christy Martinez, Shara Hays, Ken Olson</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category F) \$180,605 Project Impact \$ 60,000 City of Lubbock General Fund Budget</p> <p>Strategy 2.1: Create a Flood Plain Mitigation Committee to develop early warning procedures for flood-prone areas and universities and schools.</p> <p>Immediate Partners: City of Lubbock Engineering, Neighborhood Associations, Public Awareness Sub-Committee, TNRCC, Insurance Companies and Texas Tech University Wind Engineering Department</p> <p>Time: Immediate/Ongoing</p> <p>Funding: (Category E) \$2,000 – Project Impact</p> <p>Strategy 2.2: Implement the Lubbock Master Drainage Plan</p> <p>Immediate Partners: City of Lubbock Engineering, Engineering Firms, Development Council, and West Texas Home Builders Association.</p> <p>Time: Immediate/on-going</p> <p>Funding: N/A</p>

STRATEGIC ISSUES	GOALS/OBJECTIVES	STRATEGIES
<p>3. Increase awareness and personal preparation for disaster planning.</p>	<p>Goal 3: Educate citizens about opportunities for personal and business preparedness, planning and recovery.</p> <ul style="list-style-type: none"> ● Family Preparedness <ul style="list-style-type: none"> -Physically Impaired -Senior Citizens -School Age Children -College Students ● Business Preparedness <ul style="list-style-type: none"> -Develop an all hazards Emergency Operations Plan 	<p>Strategy 2.3: Complete Lubbock's Storm Water Drainage Projects</p> <ul style="list-style-type: none"> ● South Central Drainage System ● South Lubbock Drainage System ● Ground Water Study Program ● Maxey Park Storm Sewer <p>Immediate Partners: City of Lubbock Engineering, Contractors, Lending Agencies, Realtors, Insurance Agents</p> <p>Time: Immediate/on-going</p> <p>Funding: (Category D) \$34.6 million - South Central System \$25 million - South Lubbock System \$ 21,300 - Ground Water Study \$1.75 million - Maxey Park Storm Sewer Project</p> <p>Strategy 2.4 Educate all citizens about flooding issues and the National Flood Insurance Program</p> <p>Immediate Partners: City of Lubbock Engineering, Insurance Agencies, Texas Natural Resource Conservation Commission (TNRCC) Flood Plain Management, Lending Institutions, Realtors and the National Flood Plain Managers Association</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category E) \$1,000 -- Project Impact</p> <p>Strategy 3.1: Utilize the Public Awareness Sub-Committee for educating citizens and businesses of the importance of preparing for emergencies/disasters and identify safe places in public facilities.</p> <p>Immediate Partners: Public Awareness Sub-Committee, City of Lubbock Public Information Office, Local Media, Texas Tech Wind Engineering Department, West Texas Home Builders Association, Lending Institutions and Contractors, Lubbock United Neighborhood Association, Home Owners Associations, Chamber of Commerce, Youth Commission, 4th Corp and Fire Marshal's Office</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category E) \$4,000 -- Project Impact</p>

STRATEGIC ISSUES	GOALS/OBJECTIVES	STRATEGIES
<p>4. Increase the number of wind resistant structures (Homes, public meeting/gathering places).</p>	<p>Goal 4: Provide public awareness programs concerning wind resistant structures; building new and retrofiting existing structures, to be designated as "Safe Places".</p>	<p>Strategy 4.1: Investigate incentives for building "Safe Rooms" and provide information on their benefits and enhanced marketing value</p> <p>Immediate Partners: Public Awareness Sub-Committee, City of Lubbock Public Information Office, Local Media, Texas Tech Wind Engineering, West Texas Home Builders Association, Realtors, Lending Institutions, Contractors, Habitat For Humanities, Community Development, School Districts, Education Service Center and Mobile Home Parks</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category C) \$ 500,000 - Corporate Partners \$500,000 - Community Development Block Grant \$ 40,000 - Project Impact</p> <p>Strategy 4.2 Identify opportunities for improved safety on all buildings</p> <ul style="list-style-type: none"> • Parade of Homes • "Model" Subdivision • New Construction/Remodeling • Texas Tech Wind Engineering • Provide tax incentives for building safe rooms (LCDA) • Assist in locating funding sources for construction of safe rooms ie, HUD, Fannie May • Identify changes in current building codes that would support building safe rooms in public buildings • Educate and encourage the use of shatter proof glass in all public and private buildings <p>Immediate Partners: Public Awareness Sub-Committee, City of Lubbock Public Information Office, Local Media, West Texas Home Builders Association, Realtors, Lending Institutions, Contractors, Community Development, Development Council, McDougal Properties, Day Care Centers, Nursing Homes, School Districts, Education Service Center, Mobile Home Parks</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category C) \$2,000 - Project Impact \$2,000 - Community Development</p>

STRATEGIC ISSUES	GOALS/OBJECTIVES	STRATEGIES
<p>5. Improve information in G.I.S. for disaster analysis/response.</p>	<p>Goal 5: Further develop basic information layers in Lubbock's G.I.S. for disaster analysis and response.</p>	<p>Strategy 5.1: Work with the Planning and Information Technology departments to ensure access to all G.I.S. layers are available for use during the disaster response and recovery.</p> <p>Immediate Partners: City of Lubbock Planning and Information Technology departments, Tax Appraisal District, Emergency Communications District</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category D) N/A</p> <p>Strategy 5.2: Develop additional layers in the G.I.S. as required to address the following applications: Layers:</p> <ul style="list-style-type: none"> • Hazardous Materials Locate • Area Calculation for Ground/Buildings • Damage Perimeter Assessment • GIS/Hazmat/911/KIVA/LP&L Link • Street Inventory • Water Well Locations • Utility Locations • Building Details • Land Use Applications • Police Beat Locations • Property Values • Volunteer Fire Department Jurisdictions • Azran Map • Disaster Resources • Population Concentrations • Cellular Phone Locate • Power Dumping • Water Valve Isolation • Fire Personnel Residences • Lake Level Monitoring <p>Immediate Partners: All City of Lubbock Divisions, Tax Appraisal District, Emergency Communications District, Southwestern Public Service, South Plains Electric Coop., Energas Company, Southwestern Bell Telephone, NTS Telephone Company and Tech Telephone Company</p> <p>Time: Immediate/ On-going</p>

STRATEGIC ISSUES	GOALS/OBJECTIVES	STRATEGIES
<p>6. Regional domestic preparedness for Weapons of Mass Destruction (WMD).</p>	<p>Goal 6: Ensure the region, Lubbock, and first responders are prepared, trained and equipped for incidences involving weapons of mass destruction (WMD). (CC'00)</p> <ul style="list-style-type: none"> • Improve first responder training and equipment • Trained bomb squad. • Develop of secure, isolated emergency receiving and treatment facilities for biological and/or chemical-affected patients. • Develop of an approved Terrorism Annex (Response Procedures) and Standard Operating Procedures/Guides to the Emergency Operations Plan. 	<p>Funding: (Category D) \$ _____ - General Fund and Enterprise Fund</p> <p>Strategy 6.1: Coordinate access to appropriate local public safety, health, and government officials to state and federal training and equipment funding sources.</p> <ul style="list-style-type: none"> • Work with Texas Department of Public Safety Division of Emergency Management, Office of Domestic Preparedness, Department of Justice, Department of Defense and other state and federal agencies to leverage funding for Weapons of Mass Destruction training and equipment. <p>Immediate Partners: City of Lubbock Emergency Management, Texas Department of Public Safety Division of Emergency Management, Office of Domestic Preparedness, Department of Justice, Department of Defense, Federal Emergency Management Agency, and Texas Engineering Extension Service</p> <p>Time: October 26,1999 – December, 2000 - - Train the Trainers</p> <p>Funding: \$20,000 -- Department of Defense</p> <p>Strategy 6.2: First responders trained and equipped.</p> <ul style="list-style-type: none"> • Basic Terrorism Course – Division of Emergency Management -- (8/99) • Provide training courses as outlined in the Domestic Preparedness Program. (10/99 – 12/00) • Provide training courses offered by the National Emergency Response and Rescue Training Center (TEEX) (08/00) • Secure equipment authorized by the Domestic Preparedness Program <p>Immediate Partners: City of Lubbock Emergency Management, Texas Department of Public Safety Division of Emergency Management, Department of Defense, Justice Department, and Texas Engineering Extension Service</p> <p>Time: 8/99 – 12/00</p> <p>Funding: (Category A) \$280,000 – Department of Justice</p> <p>Strategy 6.3: The Lubbock Police Department and County Sheriff's Office will work with Alcohol, Tobacco & Firearms (ATF), Department of Justice and Department of Defense to secure the required training.</p>

STRATEGIC ISSUES	GOALS/OBJECTIVES	STRATEGIES
<p>7. Improve the community's ability to recover from disasters.</p>	<p>Goal 7: Update the Emergency Operations Plan (EOP) by developing procedures (Annexes) addressing Disaster Recovery and Managing Volunteer Resources</p>	<p>Immediate Partners: Lubbock County Sheriff's Office, Lubbock Police Department, Lubbock Fire Department Fire Marshal's Office, U S Department of Alcohol, Tobacco & Firearms, Department of Justice, Department of Defense, U S Marshal's Service, Federal Bureau of Investigation and the Texas Department of Public Safety</p> <p>Time: Immediate/On-going</p> <p>Funding: (Category A) \$ _____ - FBI</p> <p>Strategy 6.4: Work with the medical community to develop and maintain an emergency receiving and treatment facility for biological and/or chemical patients.</p> <p>Immediate Partners: Lubbock/Crosby/Garza County Medical Society, Emergency Management, Health Department, UMC, Covenant, Highland</p> <p>Time: Immediate/On-going</p> <p>Funding: N/A</p> <p>Strategy 6.5: Update and implement a Terrorism Annex to the Lubbock Emergency Operations Plan.</p> <ul style="list-style-type: none"> • Conduct a Threat and Risk Assessment • Follow guidelines as set forth by the Division of Emergency Management for the development and implementation of the annex. • Assist departments with the development and implementation of their Standard Operating Procedures and Guidelines in support of the annex. • Conduct emergency exercises to ensure the planning documents, procedures, and guidelines are adequate. • Revise the annex and standard operating procedures and guidelines as necessary. <p>Immediate Partners: Emergency Management, DPS, DEM, Lubbock County, and City Divisions.</p> <p>Funding: (Category A) \$3,000 - Emergency Management Budget</p> <p>Strategy 7.1: Coordinate the development of the Disaster Recovery and Managing Volunteer Resources Annexes with the Texas Department of Public Safety Division of Emergency Management and provide training and coordination with public and private agencies, volunteer groups, and general public</p>

STRATEGIC ISSUES	GOALS/OBJECTIVES	STRATEGIES
		<p>Immediate Partners: Emergency Management Coordinator, Project Impact Coordinator, DPSDEM, Lubbock County, City Divisions, Media, National Weather Service, Support Agencies, Local Businesses, Schools, Volunteer Groups, and Project Impact Partners.</p> <p>Funding: Category E) \$1,000 - Emergency Management Budget</p>



Mike
FYI

July 31, 1998

Mr. Ron Whitehead
Town Manager
Town of Addison
5300 Belt Line Road
Addison, TX 75240

Dear Mr. Whitehead:

Dallas' water system usage has increased significantly in the past few weeks. As a result of this increased water usage, we have now entered Stage 1 of the *Emergency Water Management Plan*. Stage 1 is called a *Water Watch* and it includes voluntary water conservation and increased public education. A copy of the *Emergency Water Management Plan* is enclosed for your reference.

In accord with the emergency management plan and the wholesale water contracts, the Water Utilities Department is requesting all wholesale water customers, that have not done so, to take a similar action. We are hopeful that our cooperative efforts will enable all of us to more effectively manage our increasing load on the water supply system.

Please refer to the other information enclosed with this letter for additional details. Please note that the activation of Stage 1 is caused by system usage, and not by available reservoir capacity. The trigger point for Stage 2 of the *Emergency Water Management Plan* could be reached soon if conservation measures are not effective. Stage 2 requires mandatory conservation and reductions.

Your assistance in helping us manage our system demand is greatly appreciated. Please feel free to call me or anyone in Wholesale Services at 214-670-5888 if you have any questions.

Sincerely,

Phillip L. Boyd
Manager
Wholesale Services Division

pb
enclosures

c: John Baumgartner, Director of Public Works, Town of Addison

Water Utilities Department

Wholesale Services • City Hall, 1500 Marilla, Room 4AN • Dallas, Texas 75201 • 214/670-5888 • Fax 214/670-3154
A city utility providing regional water and wastewater services vital to public health and safety.

City of Dallas Water Utilities Department (DWU)

Emergency Water Management Plan

Stage 1: Water Watch

Triggering Criteria

Total raw water supply in connected lakes drops below 55 percent of total conservation storage, demand exceeds 90 percent of deliverable capacity for three consecutive days, or short term deficiencies in distribution system limit supply capability.

Actions Available

(applied locally or to all customers, as necessary)

- The City Manager or designee requests voluntary reductions in water use.
- Accelerate public information efforts to teach and encourage reduced water use.
- Staff will begin a review of the problems which initiated the Stage 1 actions.
- Notify major water users and work with them to achieve voluntary water use reduction.
- Prohibit city government use of water for street washing, vehicle washing, operation of ornamental fountains and all other non-essential use.
- Request a reduction in landscape watering by city government.
- Determine effect on wholesale customers and notify them of impact. Advise wholesale customers of actions being taken within Dallas and solicit implementation of like procedures in wholesale customer cities.

Termination Criteria

- All initiated actions will remain in effect until the conditions which triggered Stage 1 have been alleviated. If Stage 1 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the director of DWU determines that these measures are no longer required.



City of Dallas

Revised December 22, 1989

Stage 2: Water Warning

Triggering Criteria

Total raw water supply in connected lakes drops below 50 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for two consecutive days. Stage 2 actions will not ordinarily be taken until Stage 1 actions have first been implemented.

Actions Available

(applied locally or to all customers, as necessary)

- Initiate engineering studies to evaluate alternatives should conditions worsen.
- Continue public information efforts regarding water supply conditions and conservation efforts.
- Begin mandatory water use restrictions as follows:
Prohibit hosing off of paved areas, buildings or windows; operation of ornamental fountains, swimming pool draining followed by refilling; washing or rinsing vehicles by hose; using water in such a manner as to allow runoff or other water wastes.
Exceptions: Vehicles may be washed or rinsed with a hose at commercial car washes; vehicles may be washed at any location with a bucket or other container.
- Limit landscape watering at each service address to once every five days based on the last digit of the address per the schedule below.

<u>Last Digit of Address</u>	<u>Allowed Water Dates</u>
0 and 5	5th, 10th, 15th, 20th, 25th, 30th
1 and 6	1st, 6th, 11th, 16th, 21st, 26th
2 and 7	2nd, 7th, 12th, 17th, 22nd, 27th
3 and 8	3rd, 8th, 13th, 18th, 23rd, 28th
4 and 9	4th, 9th, 14th, 19th, 24th, 29th

No watering will be allowed on the 31st. Apartments, office building complexes or other property containing multiple addresses will be identified by the lowest address number. Where there are no numbers, a number will be assigned by the director. These restrictions also apply to government facilities.

Exceptions: Foundations, azaleas, and new plantings (first year) of trees and shrubs may be watered with a hand-held or soaker hose on any day for up to two hours; nurseries may water plant stock only without restrictions; public gardens, including the Dallas Arboretum and the Dallas Horticulture Center, may water without restrictions; golf courses may water greens and tee boxes without restrictions. Other areas, including fairways, must adhere to the five-day rotational watering schedule listed in Stage 2 based on their address.

- Advise wholesale customers of actions being taken within Dallas and solicit enforcement of like procedures in wholesale customer cities. Wholesale customer cities shall either impose water use restrictions equivalent to those imposed on Dallas' retail customers or, where applicable, may reduce rate-of-flow controller settings by 5 percent.

Enforcement

- Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$1,000 per incident.

Termination Criteria

- All initiated actions will remain in effect until the conditions which triggered Stage 2 have been alleviated. If Stage 2 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the director determines that conditions exist which will allow removal of Stage 2 actions.

Stage 3: Water Emergency

Triggering Criteria

Total raw water supply in connected lakes drops below 35 percent of total conservation storage or demand exceeds 95 percent of deliverable capacity for five consecutive days. Stage 3 actions will not ordinarily be taken until Stage 2 actions have first been implemented.

Actions Available

(applied locally or to all customers, as necessary)

- Implement recommended engineering alternatives.
- Continue implementation of all restrictions from previous stages.
- Prohibit residential or commercial lawn watering and car washing between the hours of 9 a.m. and 9 p.m.
- Foundations, shrubs, and trees may be watered with soaker or hand-held hose on the same five-day rotational basis as landscapes for up to two hours.
- Golf courses using treated water for grounds watering must adhere to the following schedule:
Greens and tee boxes may be watered only between the hours of 9 p.m. and 9 a.m. Other areas, including fairways, must adhere to the five-day rotational watering schedule listed in Stage 2 based on their address.
- Public gardens, including the Dallas Arboretum and the Dallas Horticulture Center, may water only between the hours of 9 p.m. and 9 a.m.
- Nurseries may water plant stock only between the hours of 9 p.m. and 9 a.m.
- Advise wholesale customers of actions being taken within Dallas and solicit enforcement of like procedures in wholesale customer cities. Wholesale customer cities shall either impose water use restrictions equivalent to those imposed on Dallas' retail customers or, where applicable, may reduce rate-of-flow controller settings by an additional 5 percent.
- All rates for retail water usage in excess of 4,000 gallons per month shall be increased by 10 percent.

Enforcement

- Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$1,000 per incident.

Termination Criteria

- All initiated actions will remain in effect until the conditions which triggered Stage 3 have been alleviated. If Stage 3 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the director determines that conditions exist which will allow removal of Stage 3 actions.

Stage 4: Water Crisis

Triggering Criteria

Total raw water supply in connected lakes drops below 20 percent of total conservation storage or demand exceeds 100 percent of deliverable capacity for two consecutive days. Stage 4 actions will not ordinarily be taken until Stage 3 actions have first been implemented.

Actions Available

(applied locally or to all customers, as necessary)

- Continue implementation of all restrictions from previous stages.
- Prohibit all commercial and residential landscape watering including golf courses with the following exceptions:
Nurseries' plant stock may be watered between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
Public gardens, including the Dallas Arboretum and the Dallas Horticulture Center, may water between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
Golf course greens and tee boxes may be watered between the hours of 9 p.m. and 9 a.m. once every five days based on the last digit of their address per the schedule in Stage 2.
Foundations may be watered for a two hour period between the hours of 9 p.m. and 9 a.m. with soaker or hand-held hose on the five-day rotational basis prescribed for landscape watering in Stage 2.
- Any and all washing of vehicles is prohibited.
- All commercial water users may be required to reduce water consumption by a percentage determined by the director.
- Advise wholesale customers of actions being taken within Dallas and solicit enforcement of like procedures in wholesale customer cities. Wholesale customer cities shall either impose water use restrictions equivalent to those imposed on Dallas' retail customers or, where applicable, may reduce rate-of-flow controller settings by a percentage determined by the director. This percentage reduction shall be equivalent to the reduction in consumption imposed on Dallas retail customers.
- All rates for retail water usage in excess of 4,000 gallons per month shall be increased by an additional 10 percent.

Enforcement

- Violations of restrictions will result in a warning, and then a citation may be issued with a fine not to exceed \$1,000 per incident.

Termination Criteria

- All initiated actions will remain in effect until the conditions which triggered Stage 4 have been alleviated. If Stage 4 is initiated because of excessive demands, all initiated actions will remain in effect through September 30 of the year in which they were triggered, or until the director determines that conditions exist which will allow removal of Stage 4 actions.

Questions & Answers

about Dallas' Emergency Water Management Plan

July 1998

I've been hearing about water crises in several Texas cities. Is Dallas' water supply in danger?

No. DWU's water system, which serves almost 1.9 million people in Dallas and nearby communities, is designed to handle a drought as severe as the seven-year, record-setting drought in the 1950s.

Does DWU have a drought contingency plan?

Yes, it is called the Emergency Water Management Plan. It was last revised in December 1989, at the same time DWU's Long Range Water Supply Plan was updated.

What is the plan?

It is a four-stage plan that identifies triggering criteria, actions available, enforcement and termination criteria. Listed below is a summary of each stage. (For more detailed information, see the attached copy of the Emergency Water Management Plan.) Each of the stages includes requesting that wholesale customers enact similar procedures in their cities.

Stage 1 is called **Water Watch**. It includes voluntary water conservation and increased public education.

Stage 2 is called **Water Warning**. It calls for DWU to begin engineering studies to evaluate options if the conditions worsen, continue public education and restrict landscape watering to once every five days.

Stage 3 is called **Water Emergency**. In this stage DWU would implement the engineering alternatives identified in Stage 2, continue all previous actions, prohibit residential or commercial landscape watering and car washing between 9:00 a.m. and 9:00 p.m. and increase retail water rates by 10 percent for water use in excess of 4,000 gallons per month.

Stage 4 is called **Water Crisis**. It includes continuing all previous actions, prohibiting commercial and residential landscape watering, possibly asking commercial water users to reduce their consumption and possibly increasing retail water rates by an additional 10 percent.

What triggers that plan?

The plan can be triggered when the total raw water supply is reduced to a predetermined level, when increased customer demand puts a strain on the system or when short term problems limit DWU's ability to provide water.

How is DWU's raw water supply measured?

It is measured in acre feet. For instance, when Lake Ray Hubbard is holding 413,527 acre feet, its conservation storage capacity is 100 percent.

What is conservation storage capacity?

That is just another way of saying "how much water the lake is designed to hold for water supply."

What levels of conservation storage capacity would trigger different stages of the Emergency Water Management Plan?

A Water Watch would be triggered when our connected lakes (Grapevine, Lewisville, Ray Roberts, Ray Hubbard and Tawakoni) drop below 55 percent of storage capacity. Subsequent stages would be triggered as conservation storage levels drop below the following levels: Water Warning (50 percent); Water Emergency (35 percent) and Water Crisis (20 percent).

How is customer demand measured?

Customer demand is measured in million gallons per day (mgd). DWU's system is capable of producing 815 mgd. To date, our record demand for one day was 696 million gallons in July 1998.

What is delivery capacity?

It is our ability to deliver the water to the areas when and where it is being demanded by customers.

At what points would high customer demand trigger the various stages of the Emergency Water Management Plan?

A Water Watch would be triggered when customer demand exceeded 90 percent of our capacity to deliver for three consecutive days. A Water Warning would be triggered when demand exceeds 95 percent for two days. A Water Emergency would be triggered when demand exceeds 95 percent for five consecutive days. And a Water Crisis would be triggered when demand exceeds 100 percent of delivery capacity for two consecutive days.

What are some "short term deficiencies in the distribution system" that could trigger the Emergency Water Management Plan?

Natural or man-made disasters that destroy purification plants, pipelines, etc. or equipment failures such as pump stations.

Are we operating under the Emergency Water Management Plan yet?

No, but we monitor lake levels and water demand daily to ensure that we stay on top of any changing conditions in the system.

Who decides when and how to implement the plan?

The City Manager decides and coordinates with the City Council, based on information and recommendations received from the Water Utilities Director.

What type of conservation education does DWU offer?

DWU has a variety of educational brochures on indoor and outdoor conservation. We also provide speakers for civic and community groups and sponsor free xeriscape seminars for citizens of Dallas and its wholesale customer cities. For more information, call DWU's Community Relations Section at 670-4022.

Memorandum



CITY OF DALLAS

DATE July 31, 1998
TO Honorable Mayor and Members of the City Council
SUBJECT Water Conservation

In 1990, the City Council approved Dallas' Water Management Plan. The four-stage plan identifies triggering criteria, actions available and enforcement and termination criteria for each stage of the plan. Under the plan, Dallas is now in a Water Watch, calling for voluntary conservation effective Saturday, August 1. The Water Watch was triggered by customer demands reaching more than 90 percent of delivery capacity for three consecutive days, July 27 through 29. Delivery capacity refers to the amount of water that can be pumped to customers through the current piping system.

Dallas' reservoirs are currently approximately 89 percent full. However, customer demand may push our delivery capacity to the limit. Customers used 694 million gallons (mg) of water on Monday, July 27, 696.3 mg on July 28, and a record 701.8 mg on July 29.

Under the Water Watch, we are asking citizens to voluntarily use water as wisely as possible, and City government will set the example by temporarily ceasing certain discretionary water uses within its own operations. A major factor triggering the Water Watch is excessive landscape watering, which actually is unhealthy for the landscape. We will work to educate residential and commercial customers and encourage less frequent watering to promote healthier landscapes and protect our water system.

Each stage of the plan requests that wholesale customers observe comparable procedures. The stages are as follows:

Stage 1 is called a Water Watch. It includes voluntary water conservation and increased public education.

Stage 2 is called a Water Warning. It calls for the city to restrict watering to once every five days, continue public education and to begin engineering studies to evaluate options if the conditions worsen.

Stage 3 is called a Water Emergency. In this stage, the city would prohibit residential or commercial lawn watering and car washing between 9 a.m. and 9 p.m., increase retail water rates for water use in excess of 4,000 gallons per month by 10 percent, implement the engineering alternatives identified in Stage 2, and continue all previous actions.

Stage 4 is called a Water Crisis. It includes continuing all previous actions, prohibiting commercial and residential landscape watering, possibly asking commercial users to reduce their consumption and possibly increasing water rates by an additional 10 percent.

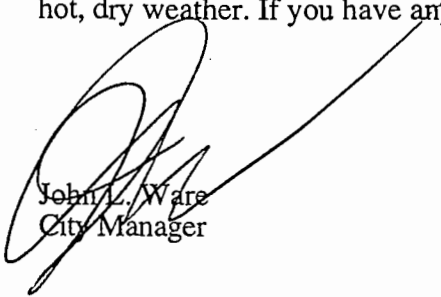
With the help of our citizens through voluntary water conservation, water demands will stabilize, thus avoiding further action. The precautionary measures of Stage 1 can help ensure that the City of Dallas can continue to deliver safe, dependable drinking water to our customers.

July 31, 1998
Honorable Mayor and Members of the City Council
Page Two

Recent improvements have increased our delivery capacity and ability to serve our customers. These improvements include the expansion of the Elm Fork Water Treatment Plant, expansion of the Parkway Pump Station and the addition of the new Doran Pump Station. Without these improvements, our system would not be able to accommodate the current water-use demands being placed on the system.

Additional projects are currently under way to further increase our system's capabilities. These include upgrades and expansion to the East Side Water Treatment Plant and Forney Pump Station and the construction of a major pipeline between the Bachman and Elm Fork Water Treatment Plants.

On Wednesday, August 5, 1998, Council will be briefed on the state of the water system. We will keep you informed of the status of the water system demands during this unusually hot, dry weather. If you have any questions, please contact me.



John L. Ware
City Manager

City of Dallas Water Watch Script for 311 and Customer Service Staff

July 31, 1998

Although water use continues to surpass record levels, the **City of Dallas is not restricting** customer water use at this time. However, **City Manager John Ware has declared a Water Watch** under the guidelines of Dallas' Water Management Plan. While Dallas' water supply reservoirs are 89 percent full, **record customer water use is testing the limits** of Dallas' ability to pump water to them through the current piping system. Dallas is monitoring customer water demands and its Water Management Plan daily to determine if and when restrictions might be required.

We need our customers' help today to use water wisely and avoid restrictions.

As called for in the plan, **Dallas is taking the following actions:**

- Asking all residential and commercial customers to think about how they use water and use it wisely.
- Asking the news media to help get the word out to the public that we need their help to avoid restrictions
- Contacting major water users to make suggestions for voluntary conservation.
- Contacting wholesale customers to ask them to take similar steps if they have not already done so.
- Eliminating non-essential water uses in City government, such as vehicle and street washing, operating ornamental fountains. etc.

The key factor in the record use is water waste on the landscape. Because of the hot, dry weather, many customers are pouring water daily on their landscapes. In reality, daily watering is neither necessary nor helpful for their lawns. Frequent watering promotes a weak root system that can't withstand heat and drought.

Customers can help avoid watering restrictions, save money on their water bills and have a healthier landscape by watering deeply and infrequently. **For more information** on landscape watering, customers may call (214) 670-3155 and leave a message to request outdoor conservation brochures.

Many of Dallas' customer cities are restricting water use due to problems in their own distribution systems or for financial reasons.

News media calls should be referred to Janell Mirochna, Water Utilities Public Information Officer, at 670-4297 or pager 670-4115, 8013.



Make every drop count!
CITY OF DALLAS WATER UTILITIES

Water Watch Fact Sheet Requirements for City government

Prohibited activities

- Street washing
- Vehicle washing, except with a bucket, sponge or cloth, mop, etc.
- Operation of ornamental fountains
- All non-essential water uses, such as hosing off driveways, buildings, windows, etc.

Required landscape watering practices

- Water early in the morning to avoid excessive evaporation
- Use sprinklers that throw large drops of water down toward the ground (e.g. impact sprinklers are good; oscillating sprinklers that throw fan-shaped pattern into the air are bad)
- Water deeply and infrequently - this will save water and promote a healthy, well-developed root system
 - Deeply means one inch of water
 - Infrequently means when the landscape needs it. Even in hot, dry weather, most grasses can wait at least five days.
- Avoid run-off. You may have to water for a while, turn off the water and then turn it back on after the water has soaked in.
- If rains come, make sure the sprinklers are off.

Fun facts

- Frequent, shallow watering is actually unhealthy for most grasses and plants. Annual flowers are an exception to this rule.
- When watering in the heat of the day, you can lose 40 to 60 percent of the water to evaporation.

For landscape watering brochures, call 670-3155.

City staff needing more information about waterwise practices, call 670-4022.

Citizens will be watching us to see if we're using water wisely.

Let's all do our part to set a good example.

To Will 2/19/03

Will

OUR TRAINING AND PREPAREDNESS, TO DATE, IS IN THE EVENT OF A NATURAL DISASTER, IE TORNADO, FLOOD, HIGH WINDS ETC.

WE HAVE NOT BEEN TRAINED FOR ANY WMD EVENT.

WE ARE CURRENTLY PERFORMING A VULNERABILITY ASSESSMENT, BUT THIS WILL NOT BE COMPLETED UNTIL JUNE OR JULY OF 2003.

Task by Discipline-Public Works

Task Examples for Public Works Responder Capabilities		Annotate those Capabilities you have currently																								
		Plans /Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Knowledge of the impact of WMD incident on the organization	Yes																									
	No																									
	N/A																									
Recognize/distinguish devices as WMD threats	Yes																									
	No																									
	N/A																									
Understand the environmental impact of a WMD incident in the infrastructure recovery process	Yes																									
	No																									
	N/A																									
Perform contaminated debris management for evidentiary and safety purposes	Yes																									
	No																									
	N/A																									
Integrate Public Works operations into incident management structure	Yes																									
	No																									
	N/A																									
	Yes																									
	No																									
	N/A																									

Chapter 6 - Response Tasks—WMD Tasks by Discipline

The Town Of
Addison!
Fire Department

4798 Airport Parkway
Addison, TX 75001
(972) 450-7201 Office
(972) 450-7208 Fax

FAX COVER

To: MIKE MURPHY From: Will
Fax: 2837 Pages: 3
Phone: _____ Date: 2-18-03
Re: Additional Capabilities Cc: _____

MIKE -
LOOK OVER THE FOLLOWING PAGES, I DON'T
THINK MANY OF THESE AREAS ARE IN PLACE.
HOPEFULLY, WE'LL BE ABLE TO GET A TRAINING GRANT &
SOME EQUIPMENT OUT OF THIS EXERCISE.

C - CHEMICAL
R - RADIOLOGICAL
B - BIOLOGICAL
N - NUCLEAR
E - EXPLOSIVE

- PLEASE CONTACT ME W/ ANY QUESTIONS.

THANKS,
Will Harris