



OHIO FIRE INCIDENT REPORTING SYSTEM

INCIDENT REPORT

1 [] DELETE
2 [] CHANGE

Fire Department AMANDA TWP

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Form with multiple sections: SITUATION FOUND, ACTION TAKEN, FIXED PROPERTY USE, CORRECT ADDRESS, OCCUPANT NAME, OWNER NAME, METHOD OF ALARM, NO. FIRE SERVICE PERSONNEL, NUMBER OF INJURIES, COMPLEX, AREA OF FIRE ORIGIN, FORM OF HEAT IGNITION, METHOD OF EXTINGUISHMENT, LEVEL OF FIRE ORIGIN, NUMBER OF STORIES, CONSTRUCTION TYPE, EXTENT OF DAMAGE, DETECTOR PERFORMANCE, SPRINKLER PERFORMANCE, TYPE OF MATERIAL GENERATING MOST SMOKE, AVENUE OF SMOKE TRAVEL, FORM OF MATERIAL GENERATING MOST SMOKE, IF MOBILE PROPERTY, IF EQUIPMENT INVOLVED, MEMBER MAKING REPORT, DATE, OFFICER IN CHARGE, DATE.

GRASS, TRASH FIRES, SHORT FORM, COMPLETE FOR ALL INCIDENTS, COMPLETE FOR ALL FIRES, COMPLETE IF STRUCTURE FIRE

Remarks SEMI TRUCK LEAKING PROPANE & CALLED FAIRFIELD & PICK UP HAZMAT. UPON ARR WE CALLED COLUMBUS HAZMAT.

check if remarks continued on back

(over)

FAIRFIELD COUNTY SPECIAL OPERATIONS TEAM

RESEARCH OFFICER DATA SHEET

Name of Research Officer Dan Sells
 Date July 2, 97 Time _____ Address State Rt. #22 And Leist Pk.
 Given name of chemical Propane
 synonyms LPG

_____ Contact **Poison control** at 228 1323 and give basic details.

Contact **PUCO** at 644 5479 if a "transportation" incident

DOT UN # 1075 Hazard class Flammable Gas AS # 74 - 98 - 6

NFPA 704 Health 1 Flamability 4 Reactivity 106 - 97 - 8 SP _____

Quantity Involved 9200 gallons Amount released _____

I Physical Properties		source pg
Normal Physical State	solid <u>liquid</u> gas	<u>Commo</u> <u>Liquid, 915</u>
Vapor density	<u>1.5</u>	<u>Commo</u> <u>USCG</u>
Specific gravity	<u>0.51 to 0.58</u> <u>RT - 58 F</u>	<u>Commo</u> <u>USCG</u>
Solubility	<u>N/A</u>	
Boiling Point	<u>-40° F</u>	<u>Commo</u> <u>USCG</u>
Melting/freezing point	<u>N/A</u>	
Vapor pressure	<u>1313.56 mm</u>	<u>Commo</u> <u>USCG</u>
other <u>Flash point</u>	<u>-76 to -156° F</u>	<u>Commo</u> <u>USCG</u>
notes		

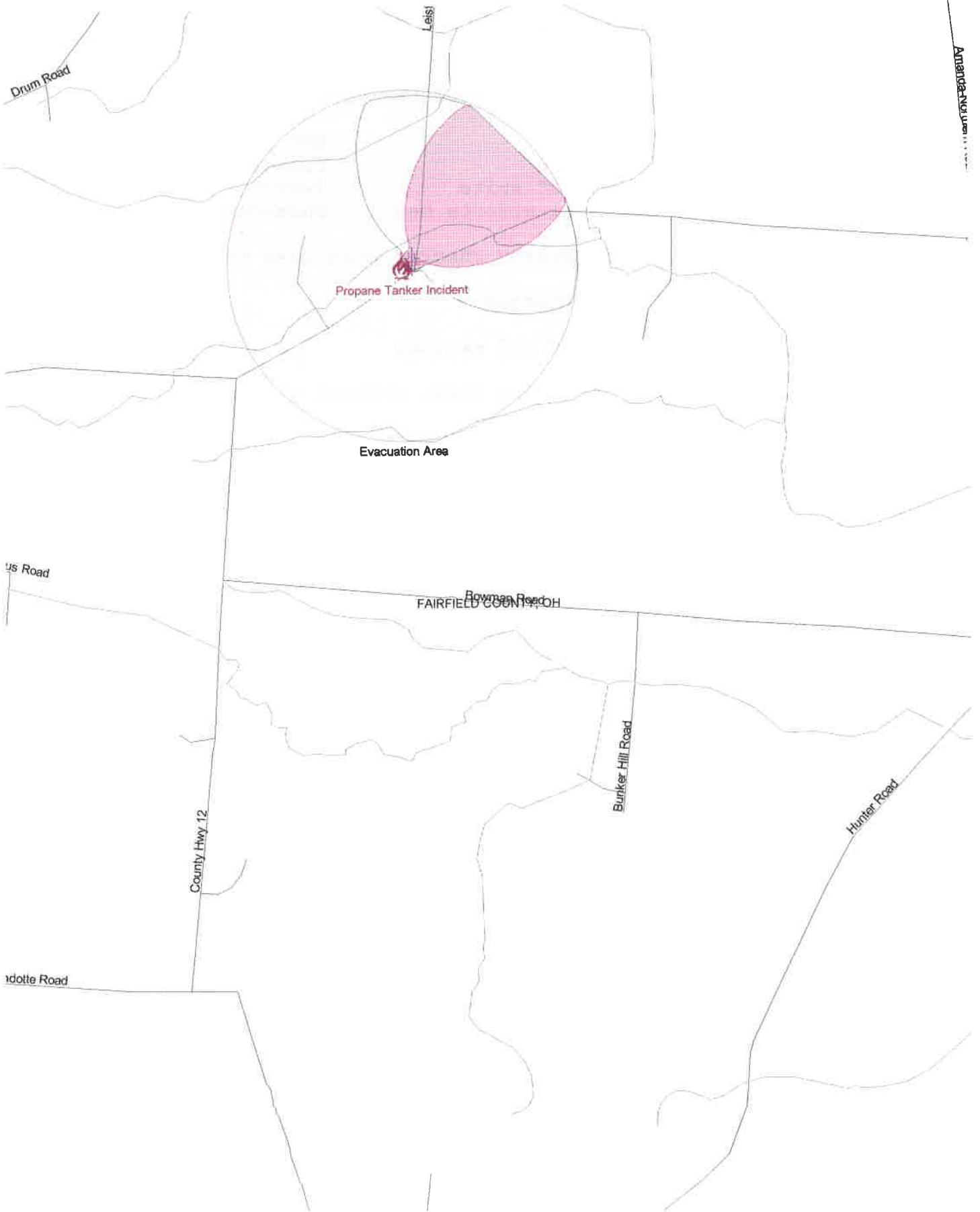
II Toxic Properties		source	pg
Inhalation Hazard	yes no		
Ingestion Hazard	yes no		
Absorption Hazard	skin: yes no	Frostbite	USCG
	eyes: yes no		
IDLH	<u>W/A</u>		
TLV <u>TWA</u>	<u>1000 ppm</u>	ACGIH	
notes			

III Flammability Properties		source	pg
Flash Point	<u>-76 to -156°F</u>	USCG	
Autoignition Temp	<u>761 to 871°F</u>	USCG	
LEL/LFL	<u>2.2%</u>		
UEL/UFL	<u>9.5%</u>		
Toxic bi-products...	<u>W/A</u>		
notes			

IV Reactivity Properties		source	pg
Water Reactive	yes no		
Product reacts violently with...			
notes			



MARPLLOT - FAIRFIELD COUNTY, OH



Occurrence at approx 0500 hrs

Haz mat team alerted @ 0630 hrs

70° at 0845

App Drivers Mtg at 0745

4 level B

Decision to make entry 0800

3 Back up on hose line - Turn outs

Entry 0825 hrs

140 pressure initial 0800

149 pressure 0845

0850 Coming out

0855 Entry team out - relief valve frozen

0902 Brain storming session

FAIRFIELD COUNTY SPECIAL OPERATIONS TEAM

Hazmat Officer Checklist

- Obtain Briefing from Incident Commander *Pol-05 vol 1*
- Brief team, Assign positions
- Make sure zones are set up
- Determine if this is a working incident
if yes notify EPA
- Determine decon needs *w/p*
- Identify and Evaluate Hazards and possible solutions
- Determine entry goals
- Assemble needed equipment
- See LAMINATED HAZMAT GOALS AND OBJECTIVES sheet for options

PRIOR TO ANY ENTRY

- Brief entry team
- w/p* Confirm decon is ready
- Review Emergency Hand Signals
- Review Emergency Evacuation Signals

AFTER COMPLETION

- Get report information
- Replace equipment
- Debrief and critique

FAIRFIELD COUNTY SPECIAL OPERATIONS TEAM

Incident Command Sheet

Incident Commander Rev. Thompson F.D. _____

1/A 0843
0849 0851

149#
22C
70F

INCIDENT COMMANDER		SAFETY OFFICER <u>B. Price</u>
		PLANNING <u>D. Comer</u>
		LOGISTICS <u>J. Colner / B. Hoggman</u>

SPECIAL OPS OFFICER	<u>Scott Baker</u>
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DECON OFFICER	NAME 1 _____	NAME 5 _____
	NAME 2 _____	NAME 6 _____
	NAME 3 _____	NAME 7 _____
	NAME 4 _____	NAME 8 _____
	_____	_____

LEAD TENDER TIMER <u>SKILL</u> <u>SMASSARD</u>	ENTRY 1 <u>BROST</u>	TENDER _____
	ENTRY 2 <u>HUFFMAN</u>	TENDER _____
	ENTRY 3 <u>MICKER</u>	TENDER _____
	B.O. 1 <u>Debord</u>	TENDER _____
	B.O. 2 _____	TENDER _____
	B.O. 3 _____	TENDER _____

Hose line:
Walter
McGinnis
Slupski

REASERCH OFFICER	<u>D. Seils</u>
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MEDICAL OFFICER	<u>Rick</u>
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Chemical Database - Response Information Data Sheet

Preferred Name: PROPANE

Regulatory Name: PROPANE
BUTANE

Chemical Source: NOEPA NOAA #:987

NFPA Codes F: 4
H: 1
R: 0
S:

General Description

Liquefied petroleum gas is a colorless gas with a faint petroleum like odor shipped as a liquid under its vapor pressure. For transportation it may be stench. Contact with the liquid can cause frostbite. It is easily ignited. Its vapor is heavier than air and a flame can flash back to the source of leak very easily. This leak may be either a liquid or vapor leak. It can asphyxiate by the displacement of air. Under fire conditions the cylinders can rupture and rocket. ((c) AAR, 1991)

Fire Hazard

FLAMMABLE. Flashback along vapor trail may occur. Containers may explode in fire. Vapor may explode if ignited in an enclosed area. Containers may explode in fire. Vapor heavier than air and may travel a long distance to a source of ignition and flash back. (USCG, 1991)

Fire Fighting

Do not extinguish fire unless flow can be stopped. Use water in flooding quantities as fog. Cool all affected containers with flooding quantities of water. Apply water from as far a distance as possible. ((c) AAR, 1991)

Protective Clothing

Avoid breathing vapors. Keep upwind. Wear appropriate chemical protective gloves and goggles. Do not handle broken packages unless wearing appropriate personal protective equipment. ((c) AAR, 1991)

MATERIAL RATINGS

BARRICADE > 3 hours
BLUE MAX > 3 hours
BUTYL < 1 hr[limited data]
BUTYL/NEOP < 1 hr[limited data]
CHEMREL > 3 hrs[limited data]
CHEMREL MAX > 3 hrs[limited data]
CPE > 3 hours

Chemical Database - Response Information Data Sheet

Preferred Name: PROPANE

Vapor Pressure: 1313.56 mm at -20 F (USCG, 1991)

Vapor Density (air = 1): 1.5 (USCG, 1991)

Specific Gravity, Liquid: 0.51 to 0.58 at -58 F (USCG, 1991)

Boiling Point: >-40 F at 760 mm (USCG, 1991)

Molecular Weight: >44 (USCG, 1991)

IDLH: No data (NIOSH, 1994)

TLV TWA: 1000 ppm ((c)ACGIH, 1991)

TLV STEL: 1250 ppm ((c)ACGIH, 1991)

First Aid

Remove victim to open air. If he is overcome by gas, apply artificial resuscitation. Guard against self-injury if confused. (USCG, 1991)



LIQUEFIED PETROLEUM GAS

Truck Loading Ticket and Bill of Lading



Emergency Contact:

1-800-530-1050

BILL OF LADING NO.

SUBJECT TO THE TARIFFS (OR CONTRACT) IN EFFECT ON THE DATE OF THE ISSUE OF THE BILL OF LADING, THE PROPERTY DESCRIBED BELOW, IN GOOD ORDER, IS RECEIVED BY THE CARRIER AS SHOWN HEREIN, WHICH CARRIER AGREES TO TRANSPORT TO THE CONSIGNEE AND DESTINATION SHOWN HEREIN SUBJECT TO THE TERMS AND CONDITIONS OF THE SPECIAL CONTRACT BETWEEN THE CARRIER AND THE CONSIGNEE IN EFFECT ON THE DATE OF THE ISSUE OF THE BILL OF LADING. IN THE ABSENCE OF A SPECIAL CONTRACT, TRANSPORTATION WILL BE SUBJECT TO ALL THE TERMS AND CONDITIONS OF THE CARRIER'S TARIFFS LEGALLY ON FILE. IT IS FURTHER AGREED BY THE CARRIER THAT THE TRANSPORTATION OF THE SHIPMENT WILL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS.

ENTER TERMINAL:
BEGIN LOAD:
COMPLETE LOAD:
EXIT TERMINAL:
COMPLETION DATE:

SHIPPER NO.	CONSIGNEE/CONSIGNEE NO.	CONSIGNEE:	SHIPPER ORDER NO.
NO.	NO.	ABN	
STATE LICENSE	STATE PERMIT	DESTINATION CITY/STATE	COUNTY
	LCC PERMIT	NO.	
		UNIT NO.	

THIS IS TO CERTIFY THAT THE HEREIN-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. THE CARRIER CERTIFIES THAT THE CARGO TANK SUPPLIED FOR THE SHIPMENT IS A PROPER CONTAINER FOR THE TRANSPORTATION OF THE COMMODITY AND COMPLIES WITH THE APPLICABLE DEPARTMENT OF TRANSPORTATION AND ENVIRONMENTAL PROTECTION AGENCY REGULATIONS. PRODUCT DELIVERED HEREUNDER MEETS THE APPLICABLE E.P.A. AND A.S.T.M. STANDARDS FOR THE TIME AND PLACE OF LOADING.

RECEIVED BY	CARRIER	DRIVER NO.	DRIVER'S SIGNATURE	SHIPMENT NAME	HAZARD CLASS	I.D. NO.	GROSS GALLONS	API GRAVITY	TEMP. °F	NET GALLONS	ODORANT INJECTION	ODORANT ADDED
	HM			LIQUEFIED PETROLEUM GAS "NONCOR"	2.1 (FLAMMABLE GAS)	UN1075						
RACK POSITION	PRODUCT CODE											
% LOADED	WATER GALLONS	◀ TOTALS ▶										

TO BE COMPLETED BY CARRIER AND CONSIGNEE ON DELIVERY

THIS IS TO CERTIFY THAT THE SHIPMENT COVERED BY THIS TICKET WAS DELIVERED TO AND RECEIVED BY CONSIGNEE AT DESIGNATED DESTINATION ON DATE AND TIME SHOWN BELOW AND WAS IN GOOD CONDITION AND ODOORIZED, UNDERSTAND, HOWEVER, THAT CERTAIN CONDITIONS CAN RESULT IN THE LOSS OF THIS ODOORANT WITHIN A CONTAINER.

DELIVERED BY _____ DATE _____ TIME _____

RECEIVED BY _____
DUPLICATE COPY

U.S. 22 closed following propane truck accident

By **CARL BURNETT JR.**
The Eagle-Gazette Staff

A section of U.S. 22 was closed for most of the day Wednesday as firefighters and Hazardous Materials, or Hazmat, crews from three counties dealt with a potentially explosive morning accident.

Shortly after 5 a.m. truck driver Ronnie J. Hensley, 39, of 118 Crown St., Circleville, was carrying propane and traveling east on U.S. 22 when he left the road near the intersection of Leist Road, clipping a power pole and rolling over several times before coming to rest in a stand of pine trees.

Capt. Rick Sanders of the Fairfield County Sheriff's Office said the original call came in at 5:12 a.m.

The first crews on site included firefighters from Amanda Township, and they immediately set about rescuing the driver of the rig, who was transported to Fairfield Medical Center and released later in the day.

Other fire departments responding to the scene included Greenfield, Berne, Bloom and Saltcreek townships.

Realizing the seriousness of the problem, Amanda Township's de-

partment sent out calls for Hazmat crews, which include Fairfield County, Pickaway County and Columbus Hazmat teams.

"It's been years since we have had an accident of this nature happen in our area," said Amanda Fire Chief Ron Thaxton. "There were no injuries except for the truck driver. But the real problem comes if the tanker ignites."

Fairfield County Emergency Management Director Dan Bolger agreed with Thaxton's assessment.

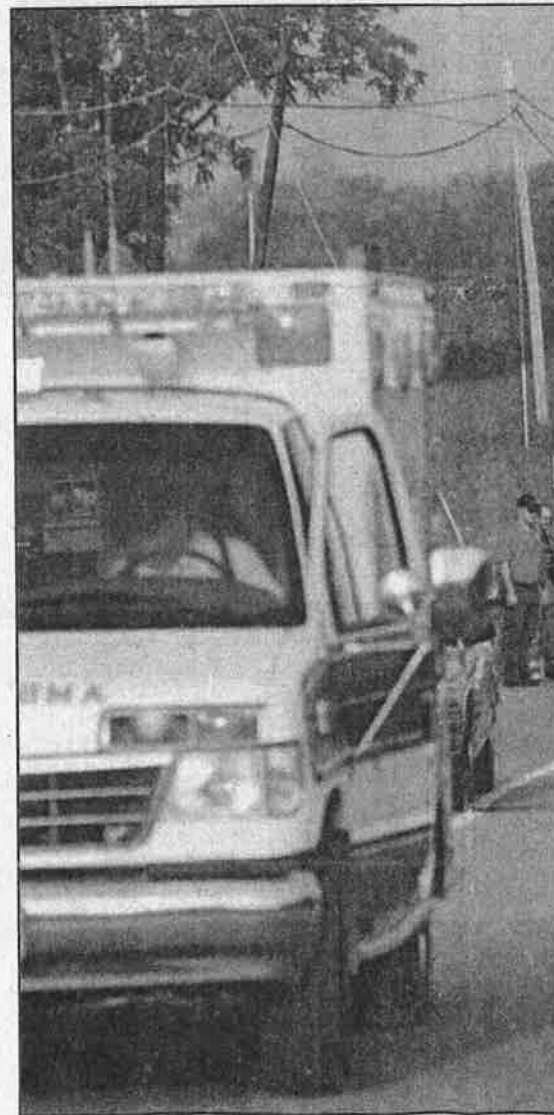
"Let's put it this way," Bolger said. "That tanker carries 9,600 gallons of propane in it. If it ignites, it will create a fire ball 100,000 cubic feet in diameter. It's pretty dangerous."

Public officials were not taking any chances and started an evacuation of everyone within a half mile radius of the accident.

Three homes were evacuated, and deputies also closed off access to the area. U.S. 22 traffic was rerouted to Chillicothe-Lancaster Road around Amanda between Amanda-Northern and Sixteenth roads.

By 10 a.m. a new tanker had come to the scene, allowing fire-

(See **CREWS/A2.**)



FIRE DEPARTMENTS from Amanda, Greenfield, Berne, Bloom and Saltcreek responded to an accident on U.S. 22 Wednesday morning several times before coming to rest. The

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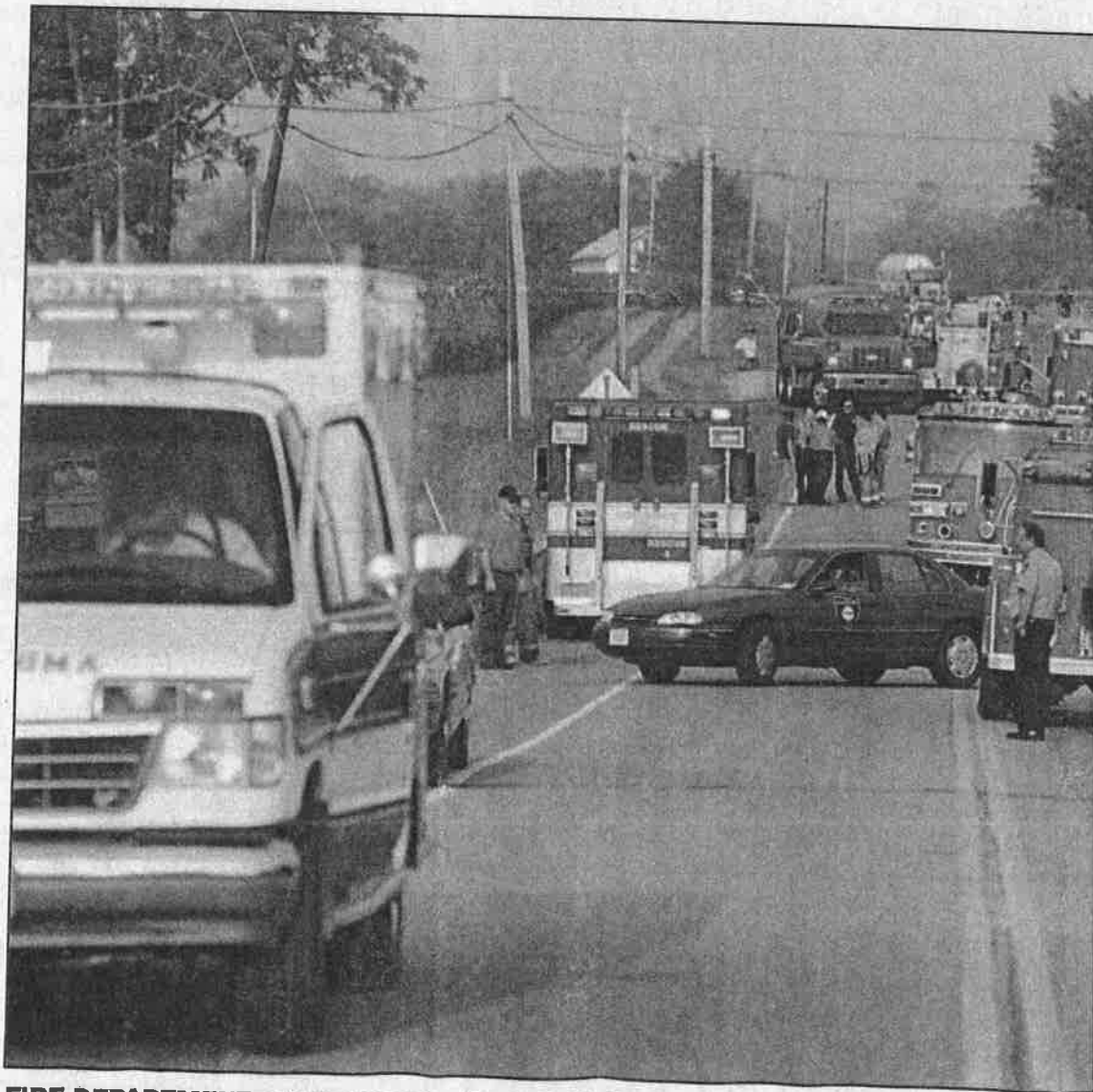
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FIRE DEPARTMENTS from Amanda, Greenfield, Berne, Bloom and Saltcreek townships
an accident on U.S. 22 Wednesday morning in which a tanker truck carrying propane
several times before coming to rest. The road was closed most of the day. (E-G photo)

ns roar through county