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Rock Community Fire Protection District1533 JEFFCO BOULEVARD
ARNOLD, MISSOURI 63010

314-296-2211

DIRECTORS:
JULES C. ZIMMERMANN
EUGENE H. WINGBERMUEHLE
MEL SCHWARTZFIRE CHIEF
RON FIALA**FACSIMILE MESSAGE**

DATE: May 14, 1993
TO: EPA
ATTENTION: TIM CURRY
FAX #: _____
PAGE 1 OF: 9

FROM: ASSISTANT CHIEF BILL MCCREDIE

FAX #: 296-2202

RE: Barnhart Oil Market Haz Mat
incident, 4-28-93

30488446



Superfund

ROCK COMMUNITY FIRE PROTECTION DISTRICT

FIRE INCIDENT REPORT

1533 JEFFCO BOULEVARD
ARNOLD, MO. 63010

FIRE ALARM NO. 01620

RECEIVED 14:35:26

DEPARTMENT NO. 93-0852

RESPONDING 14:37:02

DATE APRIL 26 1993

ON SCENE 14:44:03

DAY OF WEEK 4 WEDNESDAY

UNDER CONTROL

ALARM CLASSIFICATION 00: CHEMICAL SPILL

IN SERVICE 21:23:08

LOCATION OF ALARM 6830 HWY. 61-67, BARNHART, MO. 63012

IN QUARTERS 22:28:24

STILL AREA 2

NO. OF ALARMS OTHER

SHIFT A

CARD # 711346

SUB-DISTRICT 7110

=====

UNITS RESPONDING 7110, 7120, 7126, 7129, 7189, 7100, 7102, 7107, RTAD, SLFD, JCHAZ-MAT

WEATHER & STREET CONDITION WARM AND DRY

FIRE SERVICE PER. RESP. 46

OF STORIES 0 UNDETERMINED

WATER USED 50 GAL. WATER DIST. C-

MUTUAL AID TO FROM X MUTUAL AID DEPARTMENT ST. LOUIS FIRE AND JEFFCO HAZ-M

NO. ENG. RESP. 2 NO. AERIAL APP. RESP. 1 NO. OTHER VEH. RESP. 12

INCIDENT RELATED INJURY FIRE SERV. OTHER

INCIDENT RELATED FATALITY FIRE SERV. OTHER

(1) TYPE OF SITUATION 99 NOT CLASSIFIED

MILES

(2) TYPE OF ACTION TAKEN 3 INVESTIGATION ONLY TO SCENE 2 POLICE MSHP, JCSD

DISPATCHER ROBBIE SCHRAGE

UTIL. NOTIFIED

OCCUPANT NAME-LAST SAMNEE

FIRST ED

MI PHONE 464-55

OCCUPANT ADDRESS 6830 HWY 61-67 BARNHART, MO., 63012

ROOM OR APT.

OWNER NAME-LAST SAME AS ABOVE

FIRST

MI PHONE

OWNER ADDRESS

(3) FIXED PROPERTY USE 008 N/A

(4) COMPLEX 58 SHOPPING COMPLEX

DEPARTMENT # 0852

FIRE ALARM # 01620

DATE APRIL 28 1993

- (5) AREA OF ORIGIN
(6) IGNITION FACTOR 00 UNDETERMINED
(7) FORM MATERIAL IGNITED 00 UNKNOWN
(8) TYPE MATERIAL IGNITED 00 UNKNOWN
(9) FORM OF HEAT OF IGNITION
(10) EXTENT OF DAMAGE-FLAME 8 NOT A STRUCTURE FIRE
(11) EXTENT OF DAMAGE-SMOKE 9 NO DAMAGE OF THIS TYPE (N/A)
(12) CONSTRUCTION TYPE 9 NOT CLASSIFIED ABOVE
(13) DETECTOR PERFORMANCE
(13) SPRINKLER PERFORMANCE
MOBILE PROP (VEHICLE)-YEAR MAKE MODEL
SERIAL # LICENSE #
(14) METHOD OF EXTINGUISHMENT 1 SELF EXTINGUISHED

NARRATIVE:

7120, 7126, 7102 ARRIVED ON THE SCENE AT BARNHART FLEA MARKET TO FIND A LARGE NUMBER OF 55 GALLON METAL BARRELS IN AN AREA NEXT TO GLAIZE CREEK ON THE BARNHART FLEA MARKET PROPERTY. REPRESENTATIVES OF THE MISSOURI DEPARTMENT OF NATURAL RESOURCES, (ERIC SAPPINGTON, ALAN CORTVRIENT, AND ROBERT HINKSON) WERE ON THE SCENE AND TOLD 7102 THAT THEY WERE SAMPLING THE CONTENTS OF THE 55 GALLON DRUMS WHEN THEY SAW SMOKE AND FLAMES COMING FROM THREE OF THE DRUMS. THEY THEN NOTIFIED AN EMPLOYEE OF THE FLEA MARKET TO CALL THE FIRE DEPT.

MDNR REPRESENTATIVES THEN TOLD US THAT THEY WERE FAMILIAR WITH THE COMPANY THAT BROUGHT THE BARRELS TO THE FLEA MARKET AND THEY HAD AN IDEA OF THE TYPE OF MATERIALS THAT THEY HANDLED. WE LOOKED THROUGH BINOCULARS AT THE BARRELS AND COULD SEE NO INDICATION OF SMOKE OR FLAME COMING FROM THE BARRELS. 7100 THEN ARRIVED ON THE SCENE AND IT WAS THEN DECIDED TO SET UP THE COMMAND POST AT THE FRONT GATE. 7120 WAS LEFT IN PLACE NEXT TO THE MAIN BUILDING AND 7126 WAS MOVED BACK BY THE FRONT GATE. 7110 WAS ADVISED TO STAGE AT THE FRONT GATE. 7102 WAS DESIGNATED INCIDENT COMMANDER. 7100 WAS APPOINTED LIASON SECTOR, 7105 AS PERSONNEL STAGING SECTOR, 7107 SAFETY AND PIO SECTORS AND 7109 AS FIRE OPERATIONS SECTOR. THE SCENE WAS DECLARED A HAZARDOUS MATERIALS INCIDENT AND HOT, WARM, AND COLD ZONES WERE ESTABLISHED THIS WAS LATER CHANGED TO HOT, WARM, SUPPORT, AND COLD ZONES. THE JEFFERSON COUNTY HAZARDOUS MATERIALS RESPONSE TEAM WAS REQUESTED AND DISPATCHED TO THE SCENE AND THE JEFFERSON COUNTY EMERGENCY MANAGEMENT DIRECTOR, FRED BAUMAN WAS NOTIFIED AND WAS ENROUTE. JERRY CLOIN DISTRICT FIRE MARSHALL, (7103) WAS REQUESTED TO RESPOND TO THE SCENE. THE NATIONAL RESPONSE CENTER (REPORT # 170-282 PETTY OFFICER BENNET) AND THE STATE FIRE MARSHALL WAS NOTIFIED. SEE SECOND INCIDENT REPORT FOR COMPLETION OF NARRATIVE.....

REPORT PREPARED BY WILLIAM MCCREDIE

O.I.C. RANK ASST. CHIEF

SIGNATURE William McCredie

Rock Community Fire Protection District

DEPARTMENT #0862

FIRE ALARM #01020

APRIL 28, 1993

NARRATIVE: (CONTINUED)

A JEFFERSON COUNTY DEPUTY WAS ON THE SCENE (DSN591) AND SHE WAS REQUESTED BY THE INCIDENT COMMANDER TO CLOSE DOWN HWY. 67 AND TO DENY ENTRY TO THE SCENE. SHE THEN REQUESTED MORE ASSISTANCE FROM THE SHERIFF'S DEPT. AND MSHP. AN AMBULANCE FOR REHAB AND 7189 WAS REQUESTED AND DISPATCHED. JEFFERSON COUNTY HAZ-MAT RESPONSE TEAM ARRIVED ON THE SCENE AND WERE GIVEN AN ASSESSMENT OF THE SITUATION. AFTER A BRIEF CONSULTATION IT WAS DECIDED THAT THE HAZ-MAT TEAM DID NOT HAVE FLASH PROTECTION FOR THEIR LEVEL A SUITS AND WE WOULD HAVE TO CALL THE CITY OF ST. LOUIS HAZ-MAT RESPONSE TEAM FOR THE PROPER EQUIPMENT. THEY WERE REQUESTED AND WE WERE INFORMED THAT THEY WERE RESPONDING TO OUR LOCATION. CHIEF PAUL MAYER OF SHADY VALLEY FIRE PROTECTION DISTRICT (7300) ASSUMED THE HAZ-MAT TEAM SUPERVISOR POSITION AND LT. JEFF HEIDREDER (7307) WAS THEN APPT. HAZ-MAT SAFETY SECTOR. THE RED CROSS WAS CONTACTED AND RESPONDED TO THE SCENE FOR REFRESHMENTS. ANOTHER AMBULANCE WAS REQUESTED TO THE SCENE FOR HAZ-MAT TEAM MEMBERS MEDICAL EVALUATIONS.

THE CITY OF ST. LOUIS HAZ-MAT RESPONSE TEAM ARRIVED ON THE SCENE UNDER THE COMMAND OF BATTALION CHIEF DAVE WEMAN (804) AND HAZ-MAT OFFICER CAPT. RALPH BREAK (813) (SEE APPENDIX A).

AFTER HOLDING CONSULTATIONS IT WAS DECIDED THAT THE CITY HAZ-MAT TEAM WOULD MAKE AN INSPECTION OF THE SCENE AND REPORT BACK. AFTER THE INITIAL INSPECTION WAS MADE THE TEAM MEMBERS REPORTED THAT SOME BARRELS WERE MISSING THE 2 1/4" SCREW CAPS FROM THE BARREL LID AND THEY DID NOT HAVE ENOUGH CAPS TO PLUG ALL OF THEM. A CALL WAS PLACED TO DAVE MANGLESDOFF OF HOME SERVICE OIL CO., WHO DELIVERED MORE CAPS TO THE SCENE. THE HAZ-MAT TEAM THEN RE-ENTERED THE HOT ZONE AND RECAPPED ALL BUT THREE OF THE BARRELS. THEY WERE UNABLE TO CAP THE REMAINING THREE DUE TO DISTORTIONS OF THE TOPS OF THE BARRELS.

THEY THEN CHECKED FOR HEAT AROUND THE BARRELS WITH A HEAT DETECTOR AND CHECKED FOR FLAMMABLE VAPORS WITH AN EXPLOSIMETER AND FOUND NO HEAT INDICATIONS OR FLAMMABLE VAPOR READINGS.

AFTER A CONFERENCE INCLUDING THE OWNER, MR. EDWARD SAMNEE, IT WAS DECIDED TO ROPE OFF THE HOT ZONE AND MR. SAMNEE WILL POST A GUARD OVERNIGHT. THE DNR WILL RETURN AND COMPLETE THEIR SAMPLING ON THURSDAY, APRIL 29, 1993.

EQUIPMENT AND APPARATUS WERE PUT BACK IN SERVICE AND THE ALARM WAS STRUCK OUT AT 21:18 HOURS.

SEE APPENDIX A: APPARATUS ON THE SCENE
 SEE APPENDIX B: PERSONNEL
 SEE ATTACHED: SITE DRAWING
 SEE ATTACHED: ST. LOUIS CITY FIRE DEPARTMENT INCIDENT
 HISTORY #93-04426

REPORT PREPARED BY: WILLIAM MCCREDIE

O.I.C. RANK: ASSISTANT CHIEF

SIGNATURE: William McCredie

APR 30 '93 12:42 FROM STL FIRE DEPT HQTKS

PAGE.023

**ST. LOUIS FIRE DEPARTMENT
 INCIDENT HISTORY**

INCIDENT NUMBER: 93-04426
 INCIDENT TIME: 1600
 LOCATION: Barnhart Flea Market
 6850 Highway 61-67
 Imperial, MO 63052

DATE: 04/28/93

On the above date the St. Louis Fire Department HazMat Task Force was requested by the Rock Community Fire Protection District, in Jefferson County, to respond to a hazmat incident. The HazMat Task Force and Battalion Chief 804 were sent.

BACKGROUND

Rock Community FPD and the Jefferson County HazMat Team were

on the scene of a large barrel storage area located on the ground of the Rock Community Flea Market. The initial report was given by Eric Sappington of the Missouri Department of Natural Resources. He stated that he had opened several barrels and after a while he saw flames coming from one of them. (We were unable to find out why DNR was investigating this site.) He notified Rock Community FPD who intern requested the Jefferson County HazMat Team. This team did not have any entry suits with flash protection. The Rock Community Incident Commander then requested our Task Force.

The owner of the Flea Market, Ed Samnee, stated that he purchased these barrels from a Peerless Industrial Paint Coatings, which is located in the City of St. Louis, and transported them down to his Flea Market. Mr. Samnee stated that Peerless told him the barrels were empty and that any liquid in them was rain water. Unit 900 contacted George Horne, the St. Louis Fire Marshal, to find out any other information that might be pertinent to this incident. He informed us that Peerless was under court order not to remove, or have removed, any of the barrels from their property. This information was given to the Rock Community IC. The State Fire Marshal was also notified and a representative, Terry Dequents, was dispatched to the incident.

BARREL IDENTIFICATION

There were approximately 150 barrels on the property. The contents of the barrels that were in question were identified as;

1. Methyl Ethyl Ketone
2. Ethyl Benzene
3. Xylene

Unit 900 contacted Fire Alarm and requested the MSDS's for these materials. Fire Alarm faxed these to Unit 900.

APR 30 '93 14:44 FROM STL FIRE DEPT HQTRS

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ST. LOUIS FIRE DEPARTMENT ACTIVITIES

After receiving the MSDS's the HazMat Task Force made three (3) entries into the hot zone. The first two were conducted in Level A suits with flash protection.

The first entry was to determine the number of barrels that were open, check for fire or heat, check the air with the CGI, check for leaks or evidence of leaks, and replace bung covers. All checks were negative/within limits and several barrels were sealed before the 15 minute entry time was up.

The second entry was made to complete the sealing of the the remaining open barrels. All but three of the barrels were sealed. The three that were noted sealed had no size openings or obstructions. These were identified as numbers 3, 11, & 63.

The third entry was made to take combustible gas readings around the the three open barrels. The readings proved negative.

CONTACTS

Ron Fiala, Fire Chief
Bill McCredie, Assistant Chief
Terry Cloin, Fire Marshall

Rock Community FPD
1533 Jeffco Blvd.
Arnold, MO 63010
314/296-2211

May 6, 1993

Jefferson County Hazardous Materials Emergency Response Team
Incident Report #93-002

On April 28, 1993 at 1435 hours the Jefferson County Hazardous Material Emergency Response Team (JCHMERT) was requested to assist the Rock Community Fire Protection District at the Darnhart Flea Market, 6850 Highway 61-67, Barnhart, Mo 63012. Unit #591 was dispatched at 1435 hours while other members of the JCHMERT were notified by Jefferson County 911 Dispatch.

Unit #591 experienced failure of the left rear tire and was placed out of service at 1526 hours. After repairs were completed (1537 hours), Unit #591 continued their response and arrived at the scene at 1539 hours.

Upon arrival, Technician Fitzgerald reported to the Command Post which was operated by Assistant Chief McCredie of the Rock Community Fire Protection District and was briefed of the incident. The team led by Technician Fitzgerald proceeded to Operations Sector which was operated by Captain Matthew Mayer of the Rock Community Fire Protection District.

Prior to arrival of the Team, the hot, warm and cold zones had been established. After utilization of reference materials, the zones were moved closer to the incident. The Team then conferred with Operations and determined that two foam lines, two water lines and one master stream device would be set up for protection of the entry team. As this was being done, a decontamination corridor was established. It was then determined that the initial entry team would be Technician Fitzgerald and Specialist Siegel.

The purpose of the initial entry was for reconnaissance only. Due to the fact that flash suits were not available to the Team, contact was made to the St. Louis Fire Department for the necessary equipment.

Crews proceeded to set up necessary protection lines, decon and to ready entry team. The St. Louis Fire Department arrived on the scene at 1650 hours and determination was made by the Command Post to defer entry until more information could be gathered.

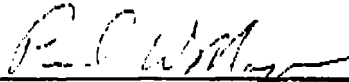
It being the policy of the St. Louis Fire Department for their Team only to utilize their equipment, a decision was made to engage their Team for entry into the hot zone. At this point, JCHMERT was utilized for support functions.

Three entries were made into the site by the St. Louis Fire Department and decontamination was performed by JCHMERT (see St. Louis Fire Department's report for further details of entries).

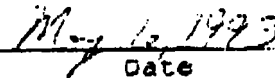
All wastes were removed after mitigation and placed into a 55 gallon drum, sealed and labeled.

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Unit #591 returned in service at 2101 hours. End of report.



Paul W. Mayer
Coordinator, JCHMERT



Date

cc: file

enclosures

copy: St. Louis Fire Department Incident Report 93-04426
original, billing for expended materials
original, chronology of incident

JCHMERT.002