



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 377TH AIR BASE WING (AFMC)

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FILE - Blue 93

377 ABW/EM
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117-5659

ENTERED
28 May 1993

Mr Dennis McQuillan
Program Manager
Remediation Section
Ground Water Bureau
Harold Runnels Building
PO Box 26110
1190 St. Francis Drive
Santa Fe NM 87502



RE: Copper Sulfate Discharge at Building 909

Dear Mr McQuillan

This a follow-up letter as per the incident reported to your staff on 6 May 1993. The following information is provided as required for 1-203 Notice of Discharge:

a. Name: Jeff Christofferson
505-846-8479
High Power Microwave Simulator Facility
PL/WSM
Bldg 909
Kirtland Air Force Base NM 87117

Owner: 377 Air Base Wing (AFMC)
2000 Wyoming Blvd SE
Kirtland Air Force Base NM 87117-5000

b. Name/address of facility:

377 Air Base Wing (AFMC)
2000 Wyoming Blvd SE
Kirtland Air Force Base NM 87117-5000

The attached memorandum (see attachment 1) from Mr Jeff Christofferson explains the cause, source, description and volume of discharge.



All water entering to the pond has been stopped and the pond is presently drying up. Samples have been taken and we are awaiting results. All drains are scheduled for hook up to city sewer system.

If you have any questions, please contact Marsha Carra at (505) 846-0029/0042.

Sincerely



WALTER S. DARR III
Chief of Compliance
Environmental Management Division

1 Atch
1. Memorandum, 6 May 93

Fiore Industries Inc.

1009 Bradbury Dr. S.E.
P.O. Box 9243
Albuquerque, NM 87119-9243
(505) 846-8479 • 272-7555

MEMORANDUM

DATE: 6 May 1993
in reply refer to
93HPM300

TO: Walter Darr
Chief of Compliance
542 CTW/EMC

FROM: Jeff Christofferson
System Safety Manager
Fiore Industries Inc.

SUBJECT: Copper Sulfate discharge.

In preparation for rebuilding a copper sulfate solution resistor, I told one of our technicians that, as per conversations with your office, it was okay to dispose of small quantities of copper sulfate in the sewer. I interpreted small quantities as less than a liter. In the process of rebuilding the resistor, the technician cleaned out three beakers that had copper sulfate crystals in them. The volume of the crystals was less than 1/4 cup. The beakers were washed out and the powder washed down the drain of the sink in building 907. The technician thought that the drain was connected to the sewer but it turns out the drains in building 907 drain into the pond. This discovery was made because all the fish in the pond started getting real sluggish and copper sulfate crystals could be seen near the pipe discharging into the pond. We attempted to collect the crystals near the discharge pipe so no further contamination of the water would occur. Furthermore all drains in building 907 have been blocked off so no further discharge into the pond will occur, as per our phone conversation this morning. We are planning to put in a work order to get the drains in building 907 connected to the city sewer system. Thank you for your assistance and guidance in handling this matter.


Jeff Christofferson
Fiore Industries Inc.