

## HAZARDOUS MATERIAL UNIT SPILL REPORT

To: Rafat Shahid

From: Lowell Miller

Date of Incident: July 19, 1987, 1:00 P.M.

Agency initially reporting incident: Dublin Fire Department

Location of Spill: 6341 Scarlett Court, Dublin, CA 94568

Responsible party: Dublin Multilayer  
6341 Scarlett Court  
Dublin, CA

Clean-up performed by: Erickson & Co., San Jose, CA

### Description of Incident:

A hose used to supply fresh water to a waste treatment tank developed a leak some time after 2:00 P.M. on July 16, 1987. This allowed excess water into a secondary containment system (capacity 2370 gal) tank used to treat wastes from the processing units in the plant. The primary tanks within the unit apparently floated and were not affected by the excess water although some of the sludge at the bottom of the secondary unit was carried out with the overflow water. The sludge consisted mostly of iron sulfate, iron oxide, and lesser amounts of oxides of nickel, lead and chromium.

The spill appeared rust colored and registred a neutral pH. After checking the sewer discharge permit and other information it was determined that the spilled material did not constitute an imminent hazard and most likely contained only small amounts of heavy metals. Mr. Edward Chan, the president of the company, was instructed to have the spilled material in the parking lot cleaned. Further clean-up of the storm drains might be required pending analysis of sludge and water samples collected during the incident.

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DIVISION OF ENVIRONMENTAL HEALTH  
 ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 87-075

Sample Identification Liquid Samples from Dublin Multilayer, 6341 Scarlett Dr.

Analyses Requested by: L. Miller

Date Collected: 7-19-87

Collected by: L. Miller

Date Received: 7-20-87

Received by: B. Chan

Analyses Requested Metals and Fluoride Analyses.

Background Information Material sampled from leak occurring at the above location.

ANALYTICAL RESULTS

Parameter	Observation or Result		
	LJM 71987-1	71987-2	* 71987-2
Total Metals Analysis- Nitric Acid Digestion.	Liquid Composite	Filtered Liquid	Filtered Sludge
	Concentration in ppm, mg/l or ug/g		
Arsenic-	< 0.017	< 0.02	1.6
Cadmium-	< 0.033	0.04	< 2.2
Chromium-Total-	1.0	< 0.2	5200
Copper-	5.6	< 0.2	15,000
Iron-	63	1.3	330,000
Lead-	< 0.84	< 1.0	5000
Mercury-	< 0.017	< 0.02	1.6
Nickel-	0.50	< 0.2	270
Silver-	< 0.17	< 0.2	130
Zinc-	0.99	0.048	440
Fluoride-	** 29	19	

\*\* Sample was filtered  
 \* Results are based on dry weight of sludge sample.

Date Analyses Completed: 7-22-87

Chemist: B.Chan/S.Hugo

Approved: *BC SH*  
 Distribution: T. Shirasawa, G. Winn

BC/cdb  
 7/85